U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA AND INFORMATION SERVICE

National Climatic Data Center

Federal Building

Asheville, N.C. 28801

I certify that this is an official microform of the National Oceanic and Atmospheric Administration and is prepared from records received at the National Climatic Data Center, Asheville, North Carolina 28801.

Kenneth D Hadeen
Kenneth D. Hadeen
Director

OAA Form 48 - 344
(Rev. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

CONSTANT PRESSURE CHARTS

DECEMBER 1989

ALL AVAILABLE CHARTS FILMED

850	MB	NORTH AMERICAN	NMC
850	MB	NORTHERN HEMISPHERE	NWP
700	MB	NORTH AMERICAN	NMC
700	MB	NORTHERN HEMISPHERE	NWP
500	MB	NORTH AMERICAN	NMC
500	MB	NORTHERN HEMISPHERE	NWP
300	MB	NORTH AMERICAN	NMC
300	MB	NORTHERN HEMISPHERE	NWP
250	MB	NORTH AMERICAN	NMC
250	MB	NORTHERN HEMISPHERE	NWP
200	MB	NORTH AMERICAN	NMC
200	MB	NORTHERN HEMISPHERE	NWP
100	MB	NORTH AMERICAN	NMC
100	MB	STRATOSPHERIC	
70	MB	STRATOSPHERIC	
50	MB	STRATOSPHERIC	
30	MB	STRATOSPHERIC	
10	MB	STRATOSPHERIC	

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

THE FOLLOWING CHARTS ARE NOT AVAILABLE:

CONSTANT PRESSURE CHARTS

DECEMBER 1989

NORTH AMERICAN

850MB

26 - 00Z

700MB

26 - 00Z

500MB

26 - 00Z

300MB

20 - 12Z
22 - 00Z
24 - 12Z
26 - 00Z

250MB

10 - 12Z
11 - 12Z
13 - 12Z
16 - 12Z
23 - 00Z
24 - 00Z
26 - 00Z
28 - 00Z

200MB

26 - 00Z

100MB

6 - 12Z
18 - 00Z
27 - 00Z

NORTHERN HEMISPHERE

850MB

31 - 00Z

700MB

19 - 12Z
31 - 00Z

500MB

31 - 00Z

300MB

31 - 00Z

250MB

31 - 00Z

200MB

31 - 00Z

STRATOSPHERIC

100MB

14 - 12Z
16 - 12Z
26 - 12Z

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING

NOAA Form 48 - 360A
(Rev. 8 - 83)

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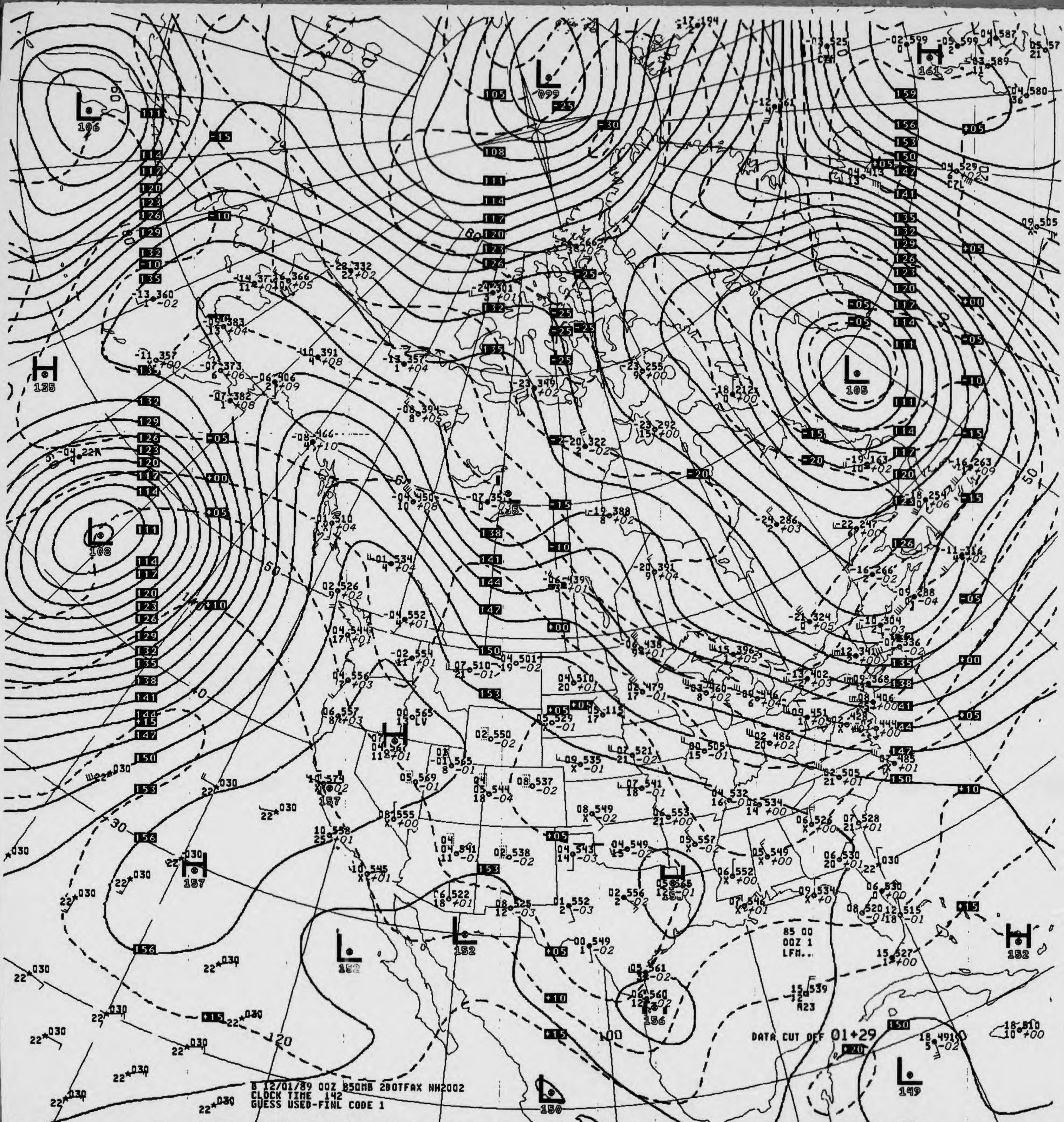
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

850 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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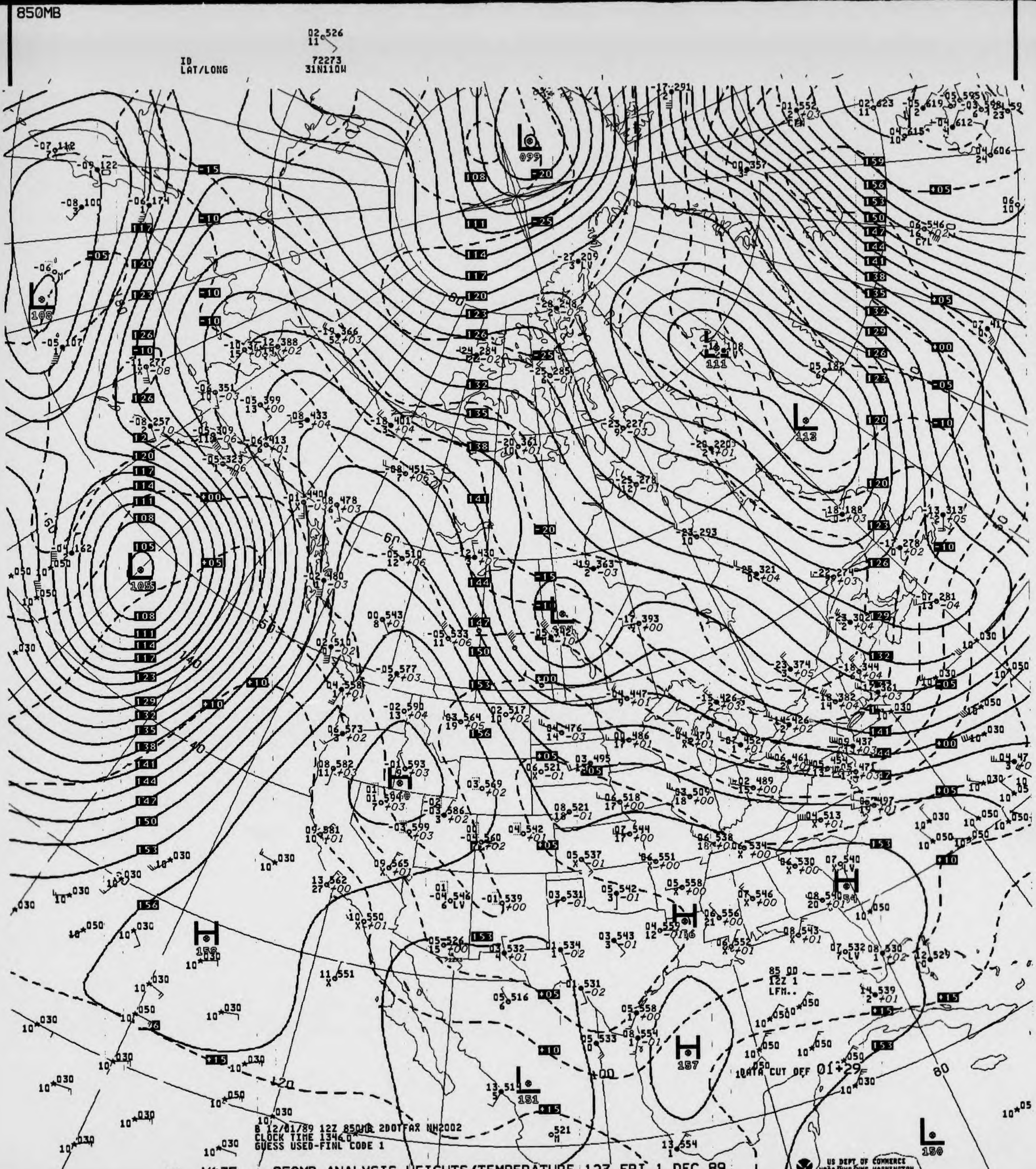
030 V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 1 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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DATA CUT OFF 01+29
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L 113
L 151
L 150
H 158
H 157
H 156
H 154

030 V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 1 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

850MB

13 567
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ID 72391
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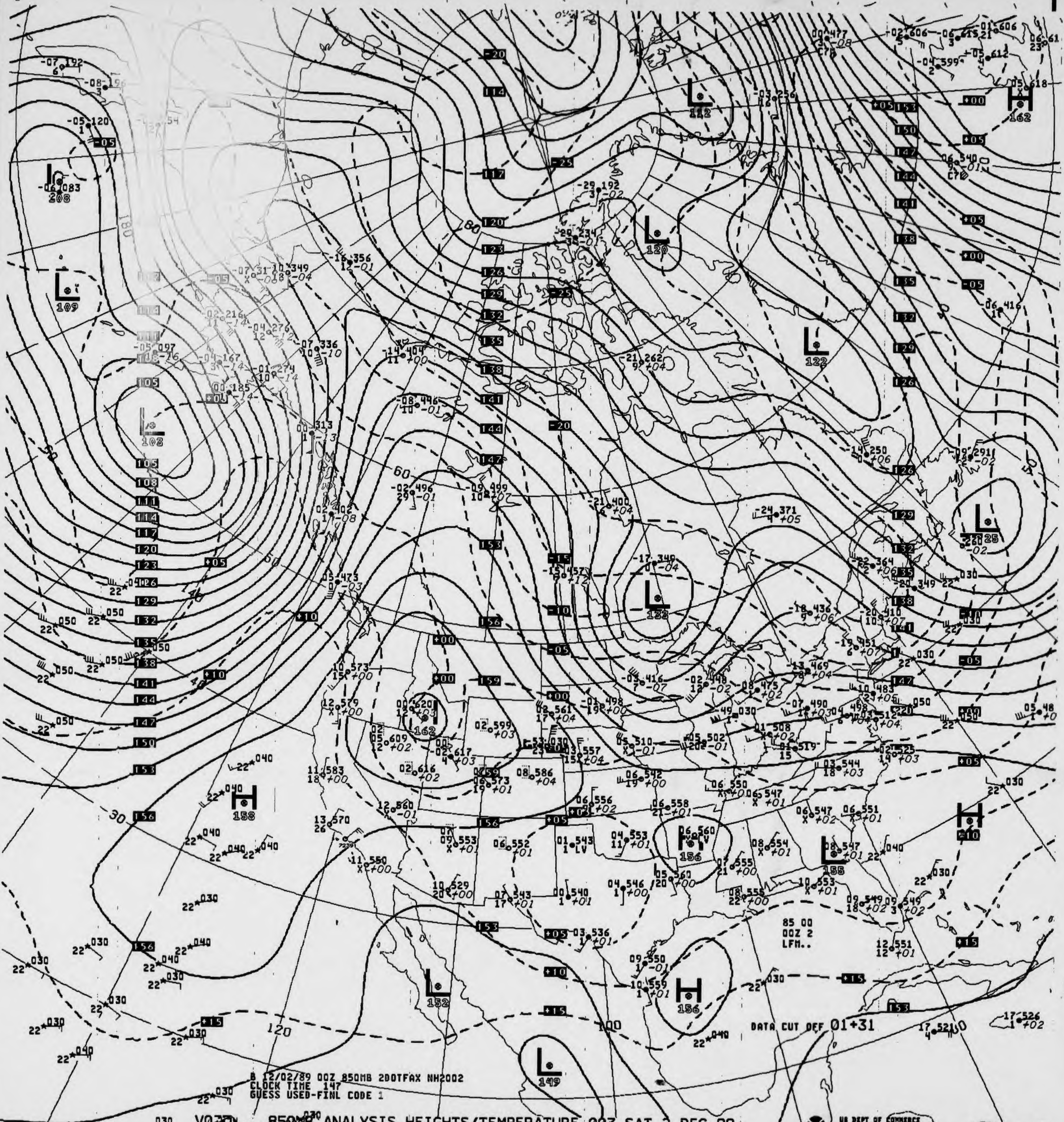

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H 162
H 158
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H 156
L 155
H 10
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H 156
L 149
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DATA CUT OFF 01+31

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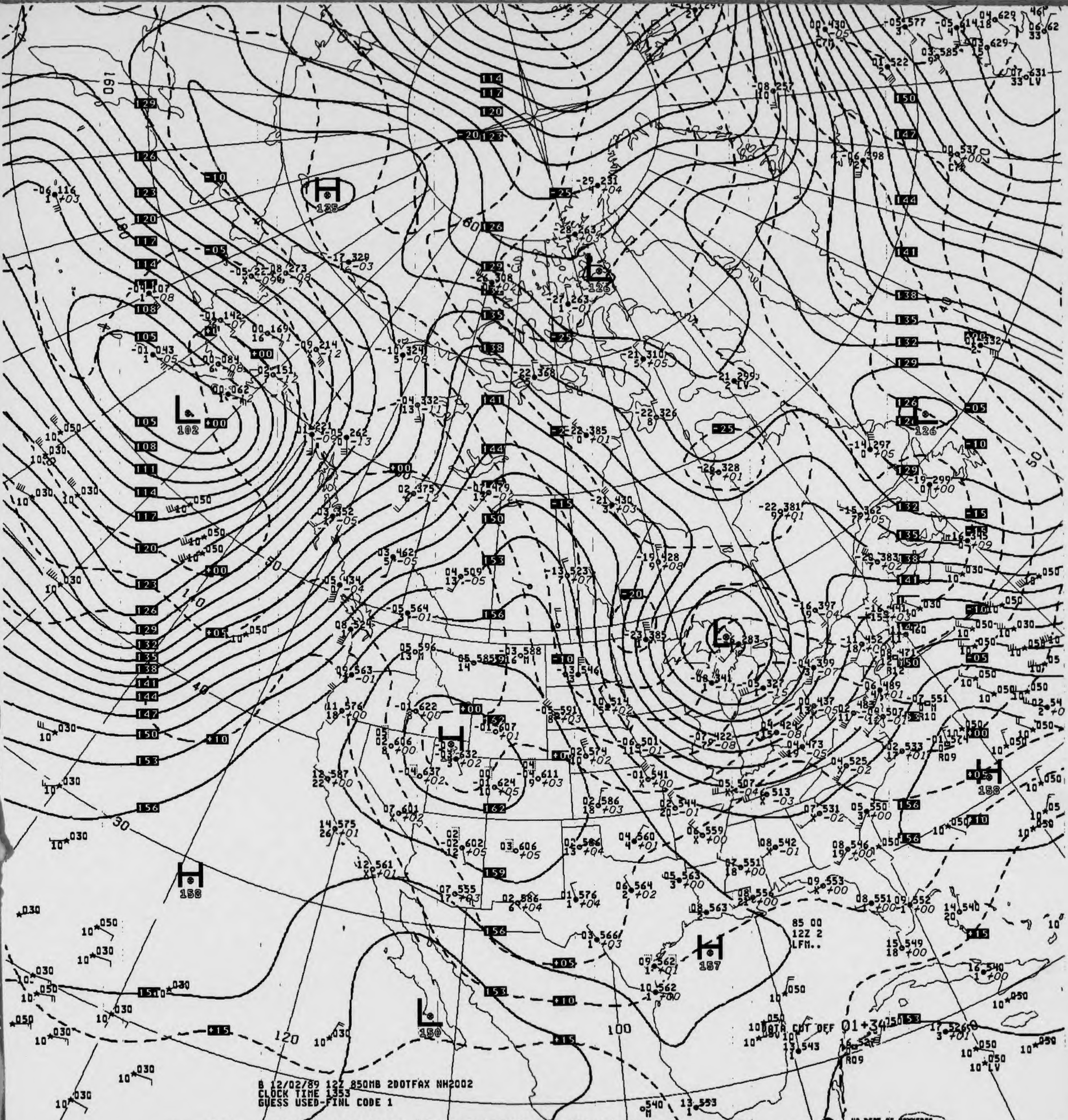
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 2 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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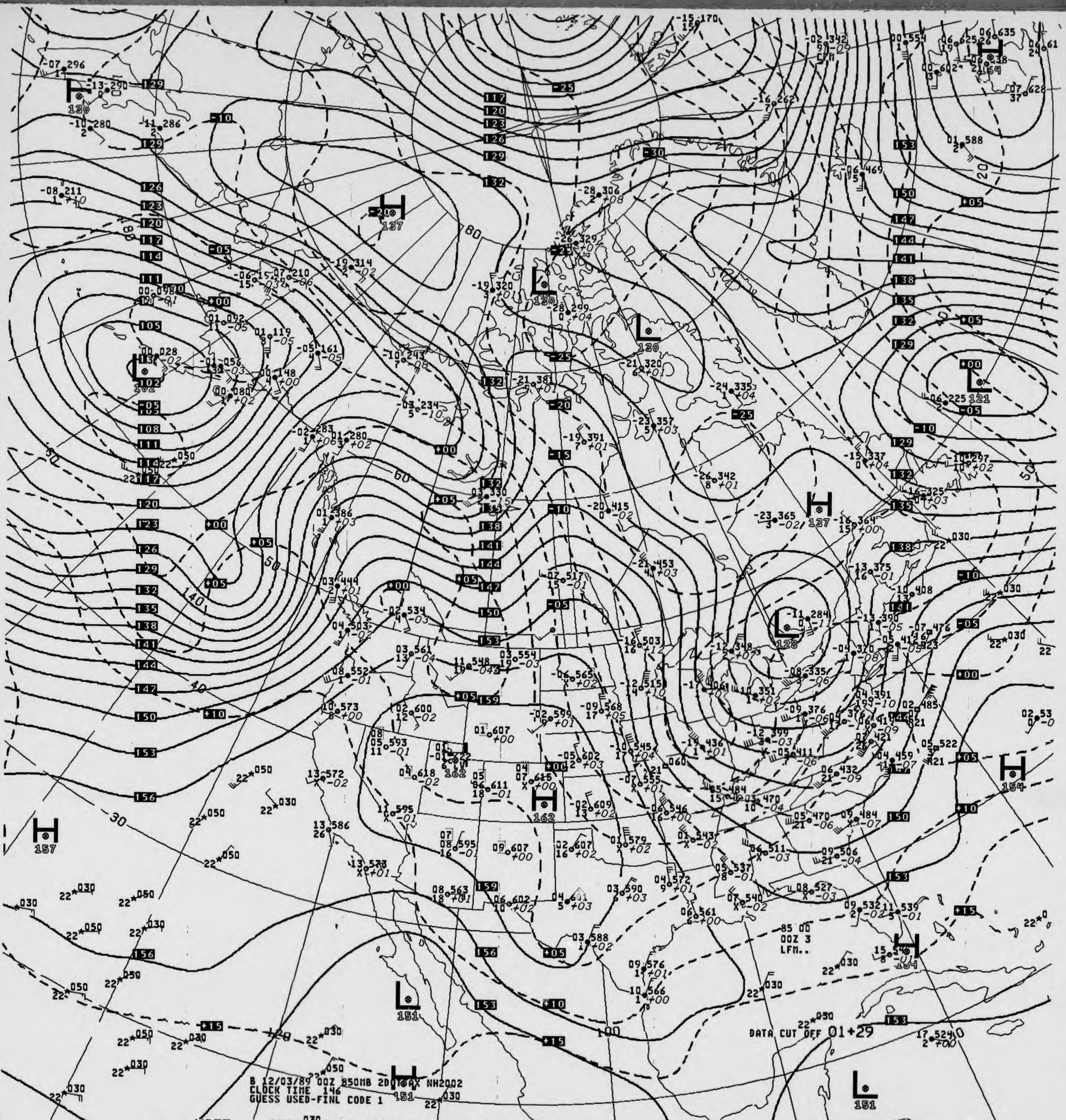
030 V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 2 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L 130
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L 121
H 154
H 162
H 157
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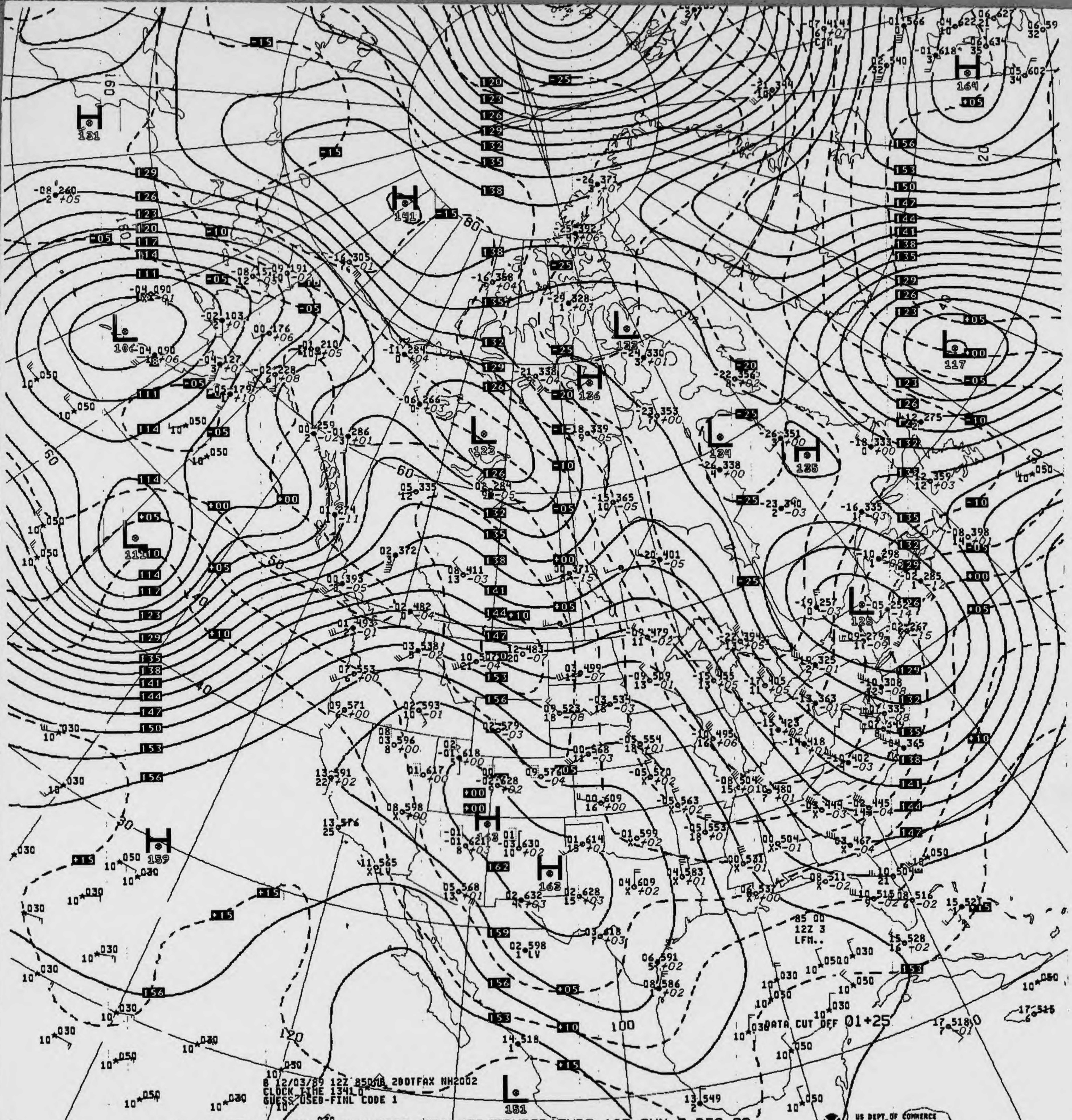
H 154

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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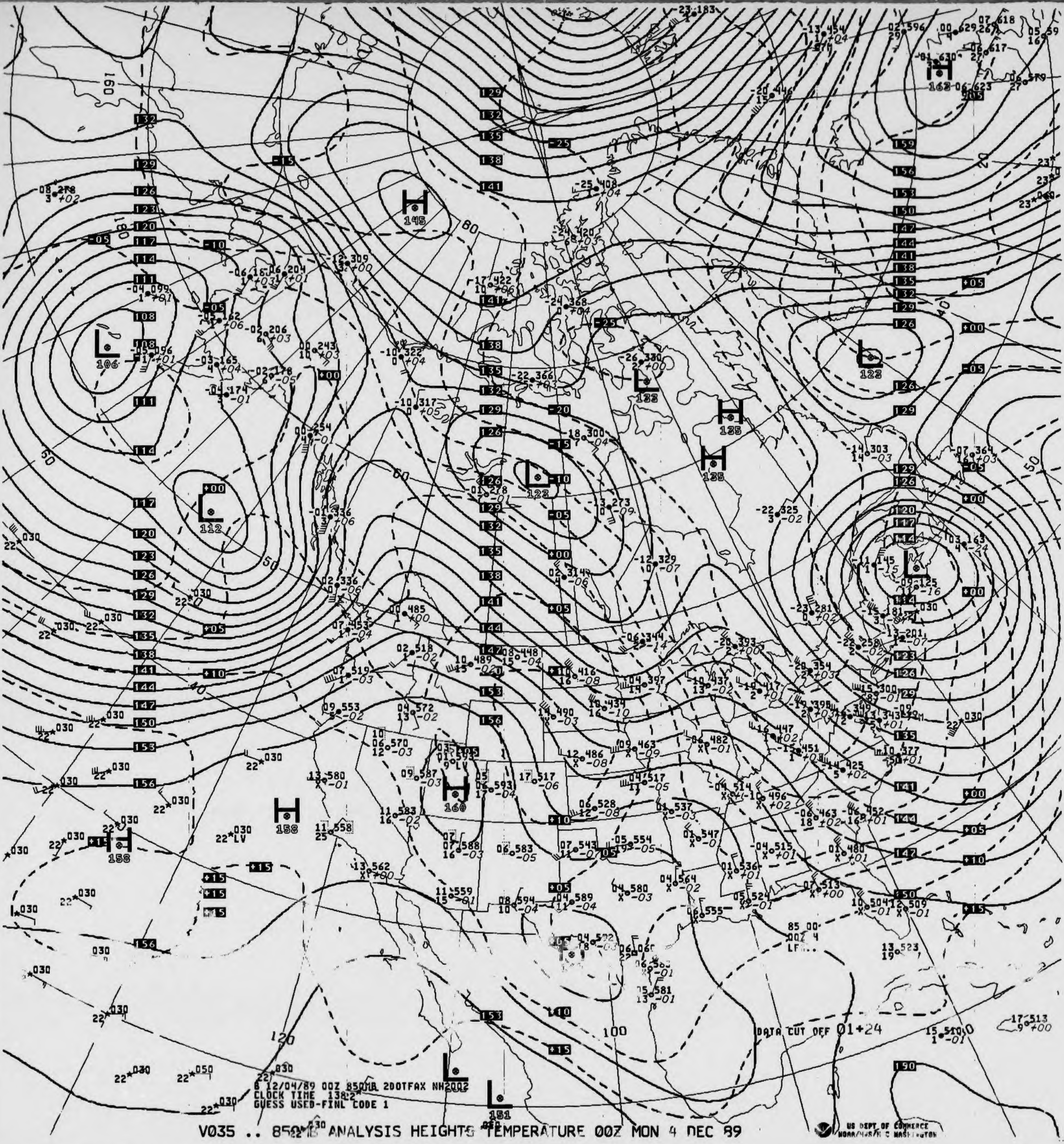
V435 . 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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H
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L
106
L
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L
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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V035 .. 850MB ANALYSIS HEIGHTS TEMPERATURE 00Z MON 4 DEC 89

850MB

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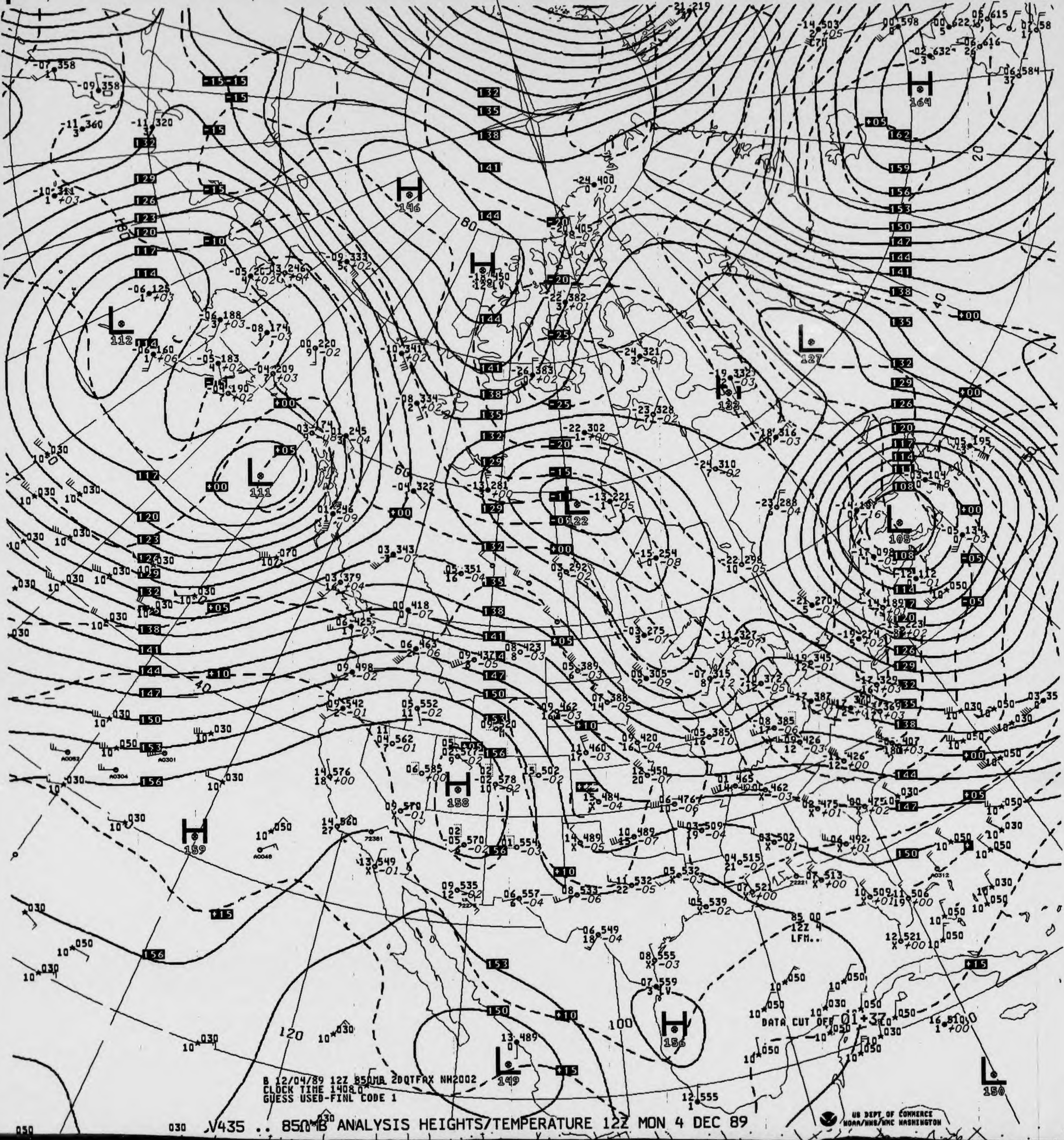

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L 111
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L 105
L 149
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CLOCK TIME 1408.0
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

850MB

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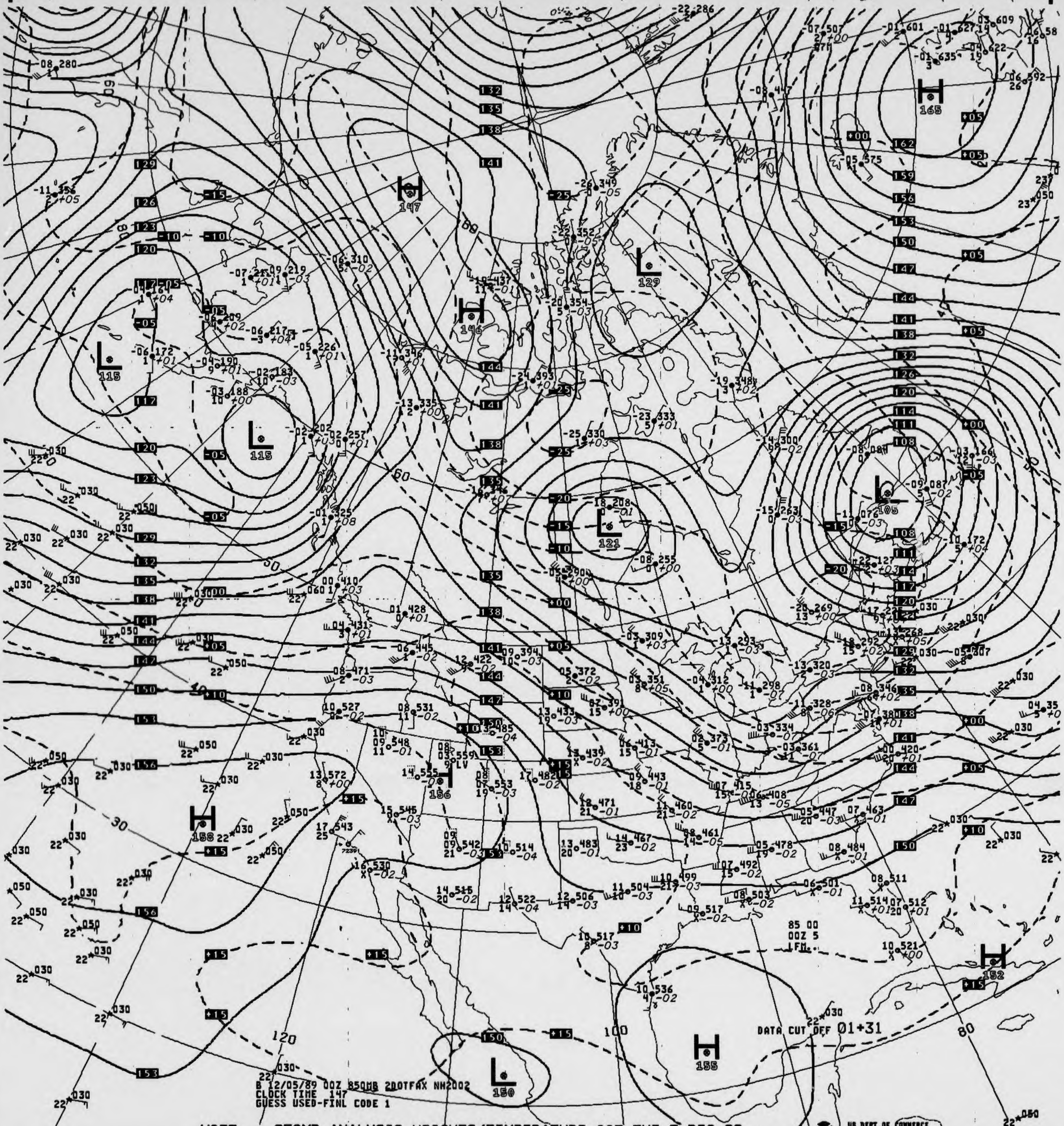
LAT/LONG 34N119W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100
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60
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30
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CLOCK TIME 147
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

850MB

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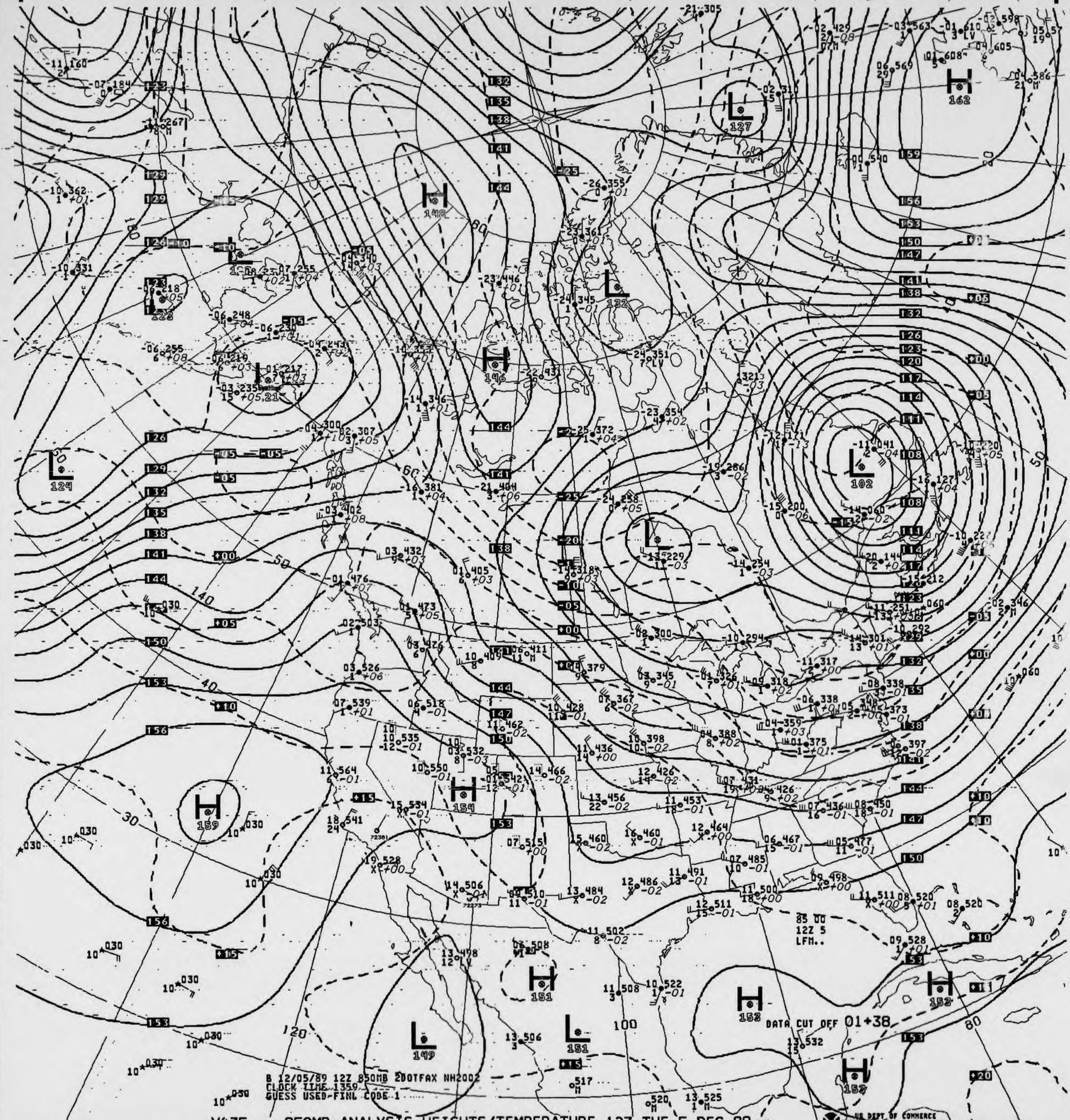
LAT/LONG	36N087W	31N110W	34N116W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L 151
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12Z 5
LFM..
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CLOCK TIME 1359
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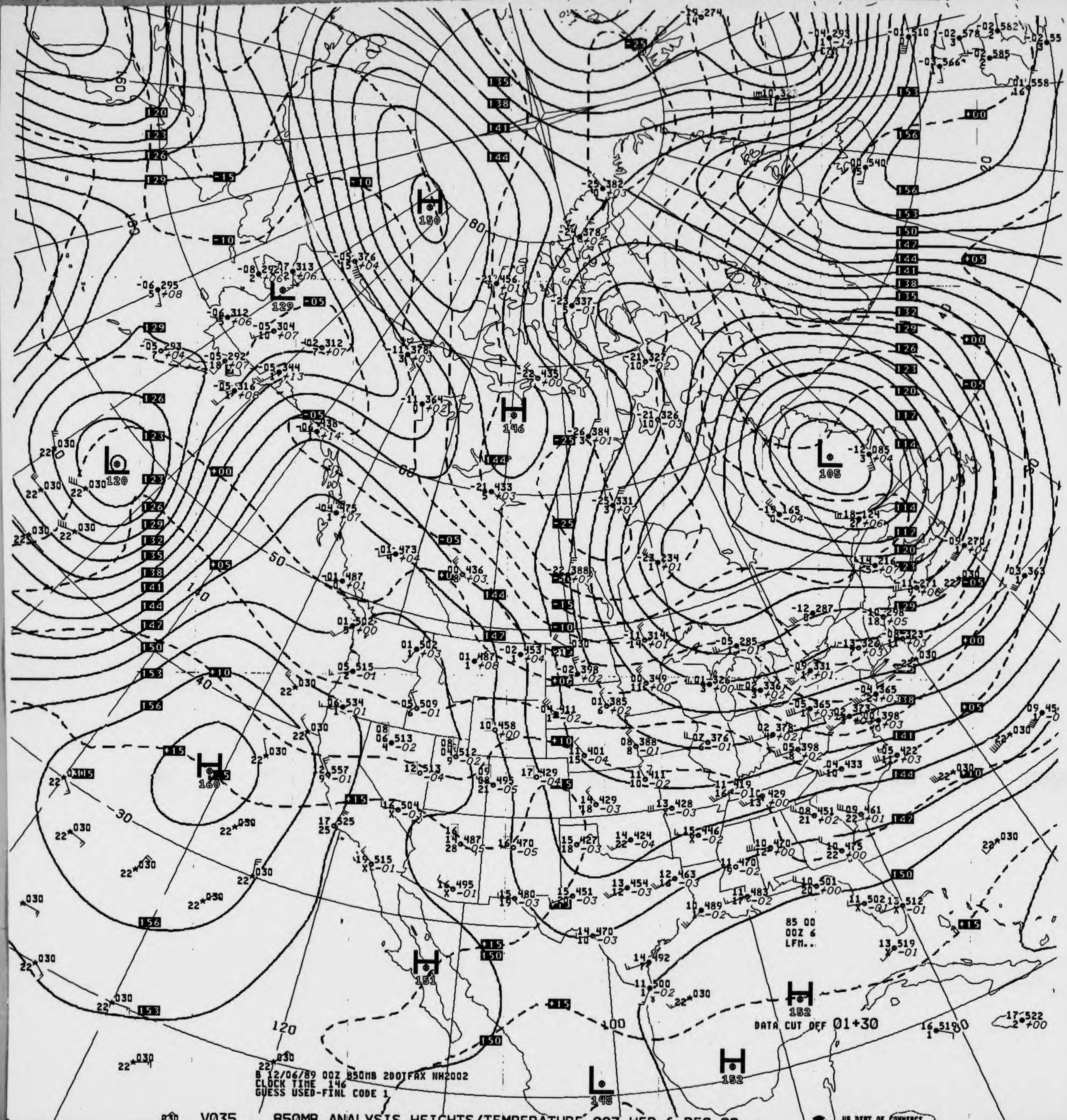
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V435 . 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 5 DEC 89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LFM..
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H 150
H 146
H 160
H 151
H 152
H 152
L 129
L 120
L 105
L 148

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 6 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

850MB

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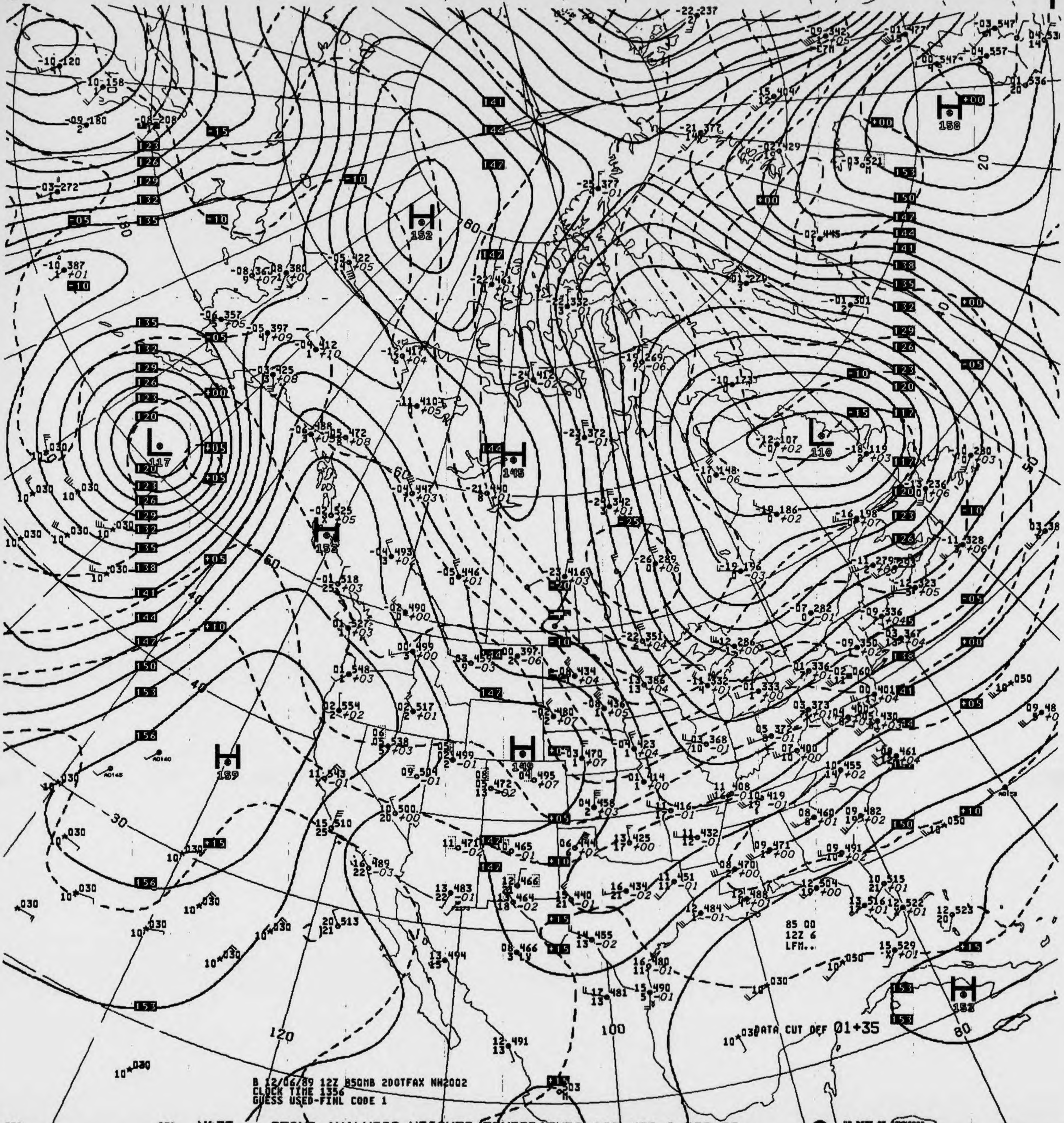
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H 152
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L 110
H 156
H 159
H 149
H 152
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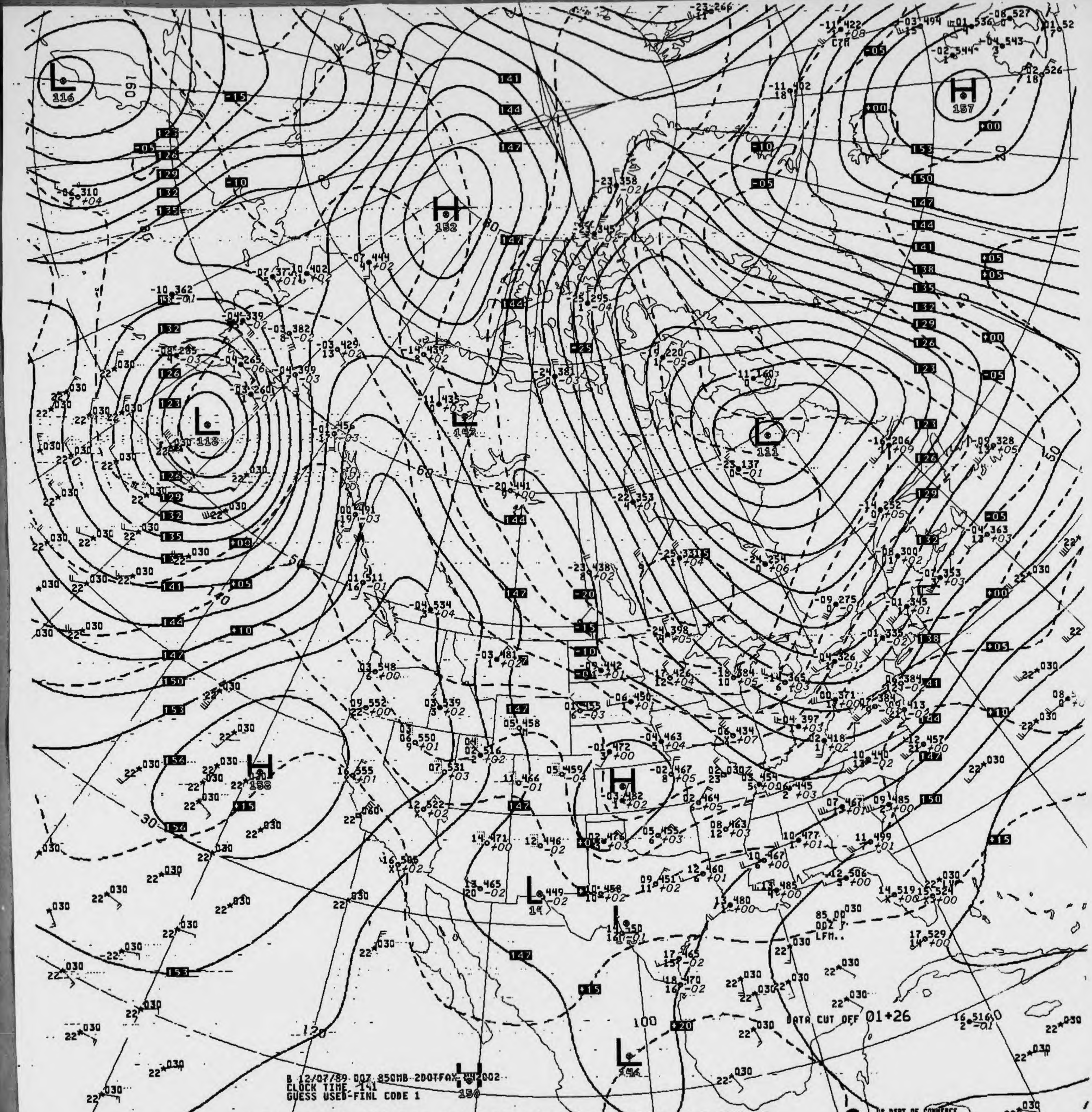
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 6 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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B 12/07/89 00Z 850MB 2DOTFAX 442002
CLOCK TIME 141
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V035. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 7 DEC 89

850MB

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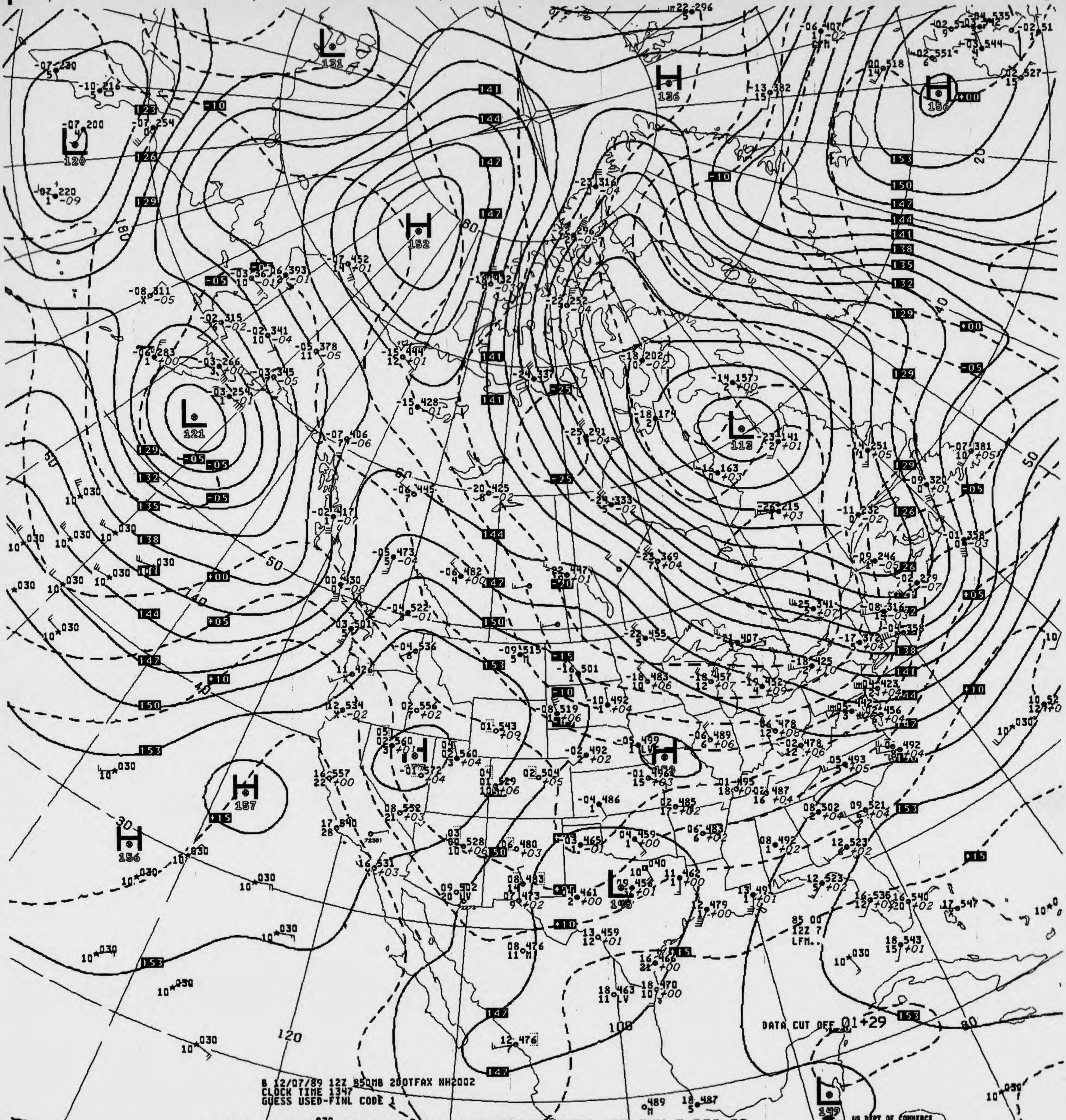
ID 72273 72381
LAT/LONG 31N110W 34N116W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H 156
L 145
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120
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80
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10

DATA CUT OFF 01+29

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LFM..

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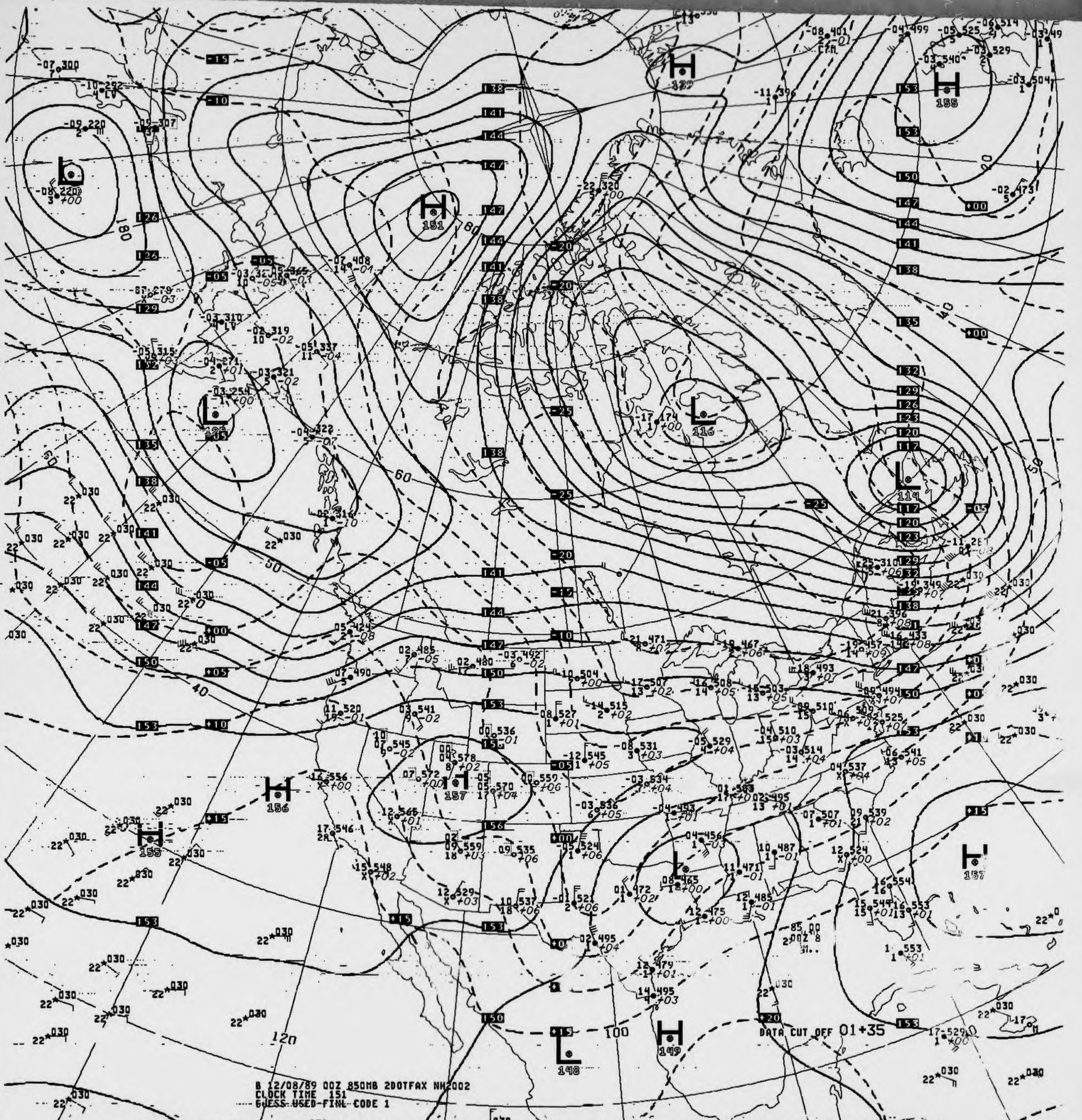
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 7 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L
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L
148
H
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DATA CUT OFF 01+35
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CLOCK TIME 151
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS-TEMPERATURE 00Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

850MB

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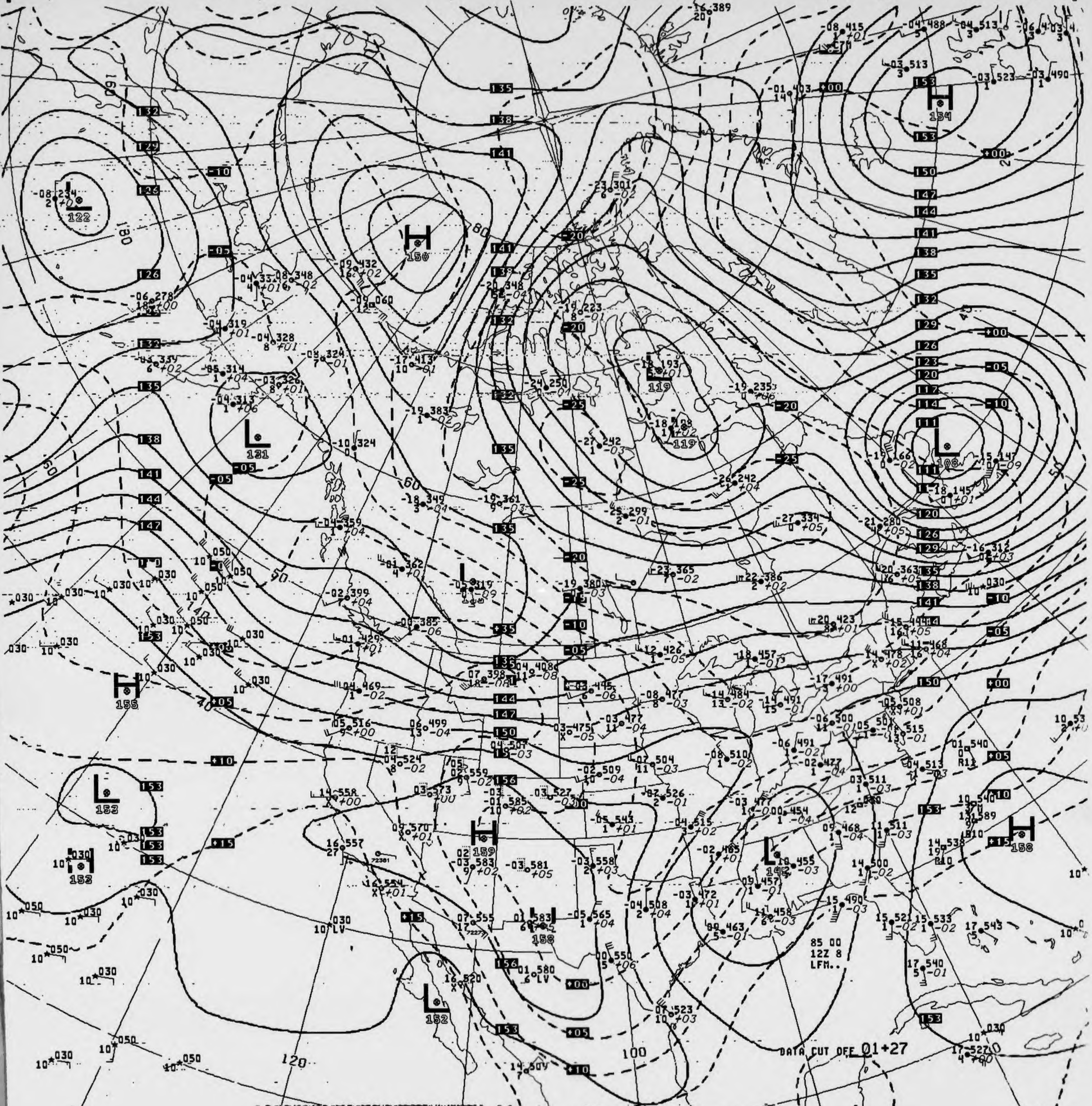
ID 72381
LAT/LONG 34N116W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L
150
100
120

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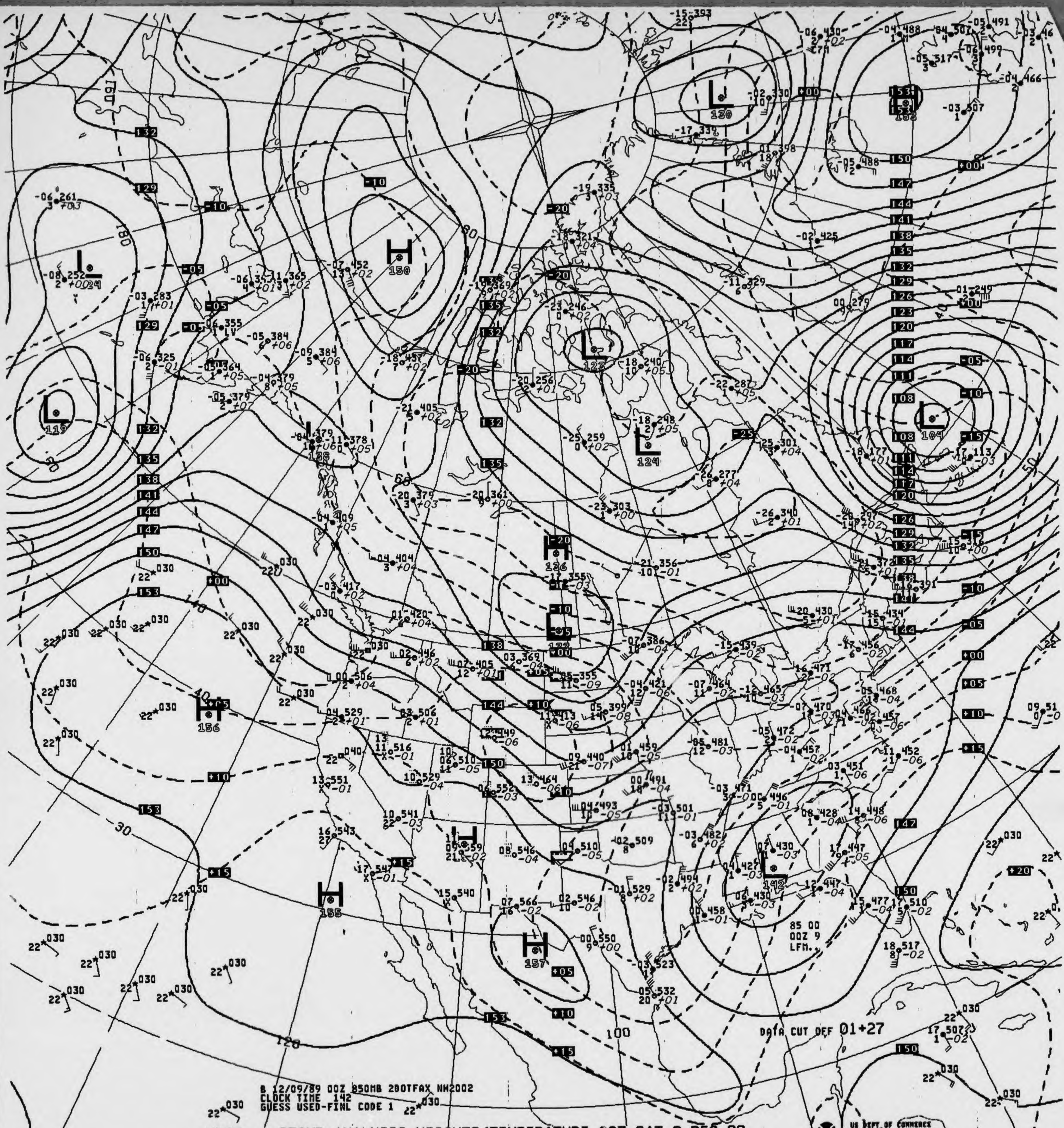
V435 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 155
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H 136
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L 119
L 122
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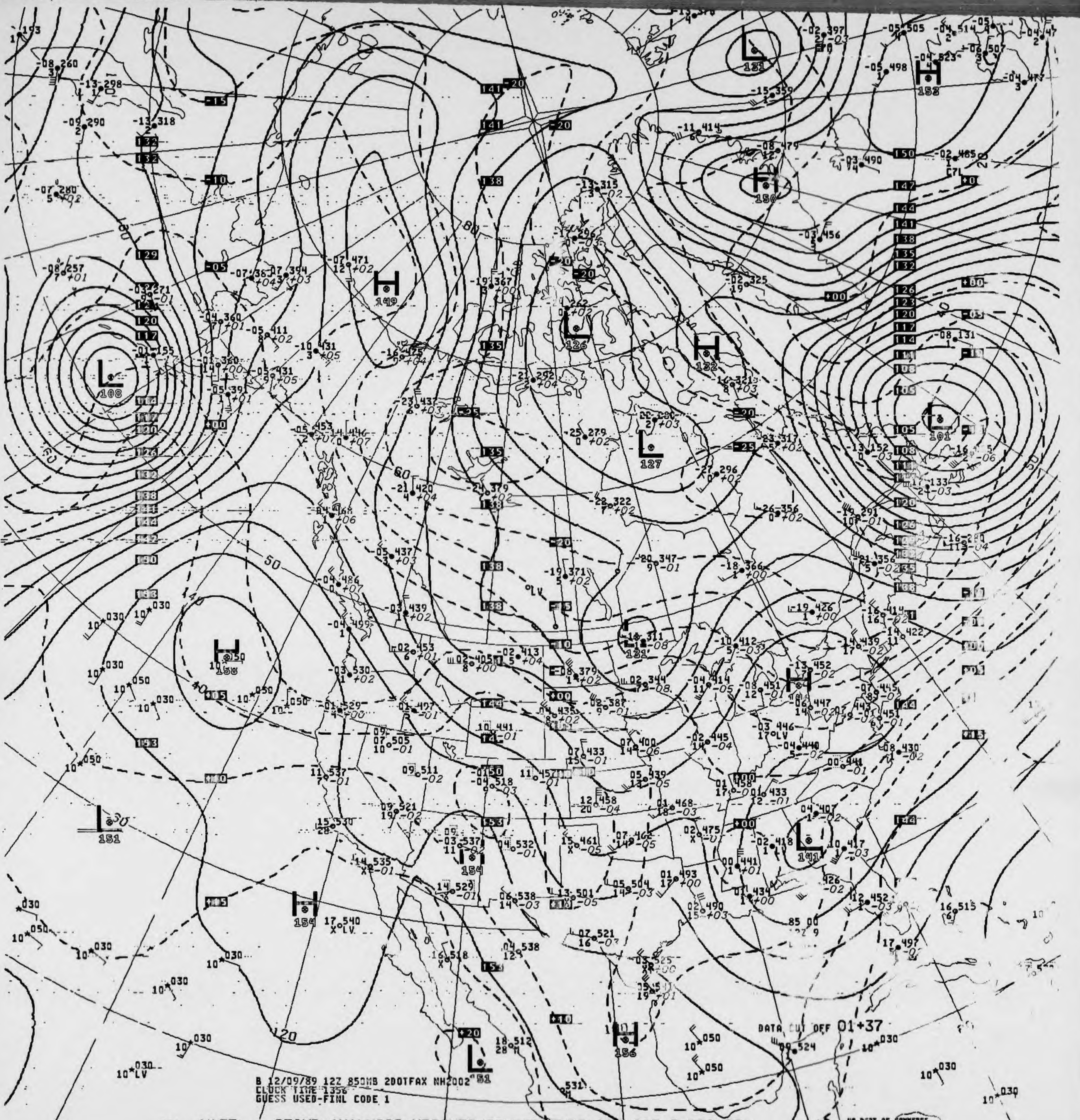
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 9 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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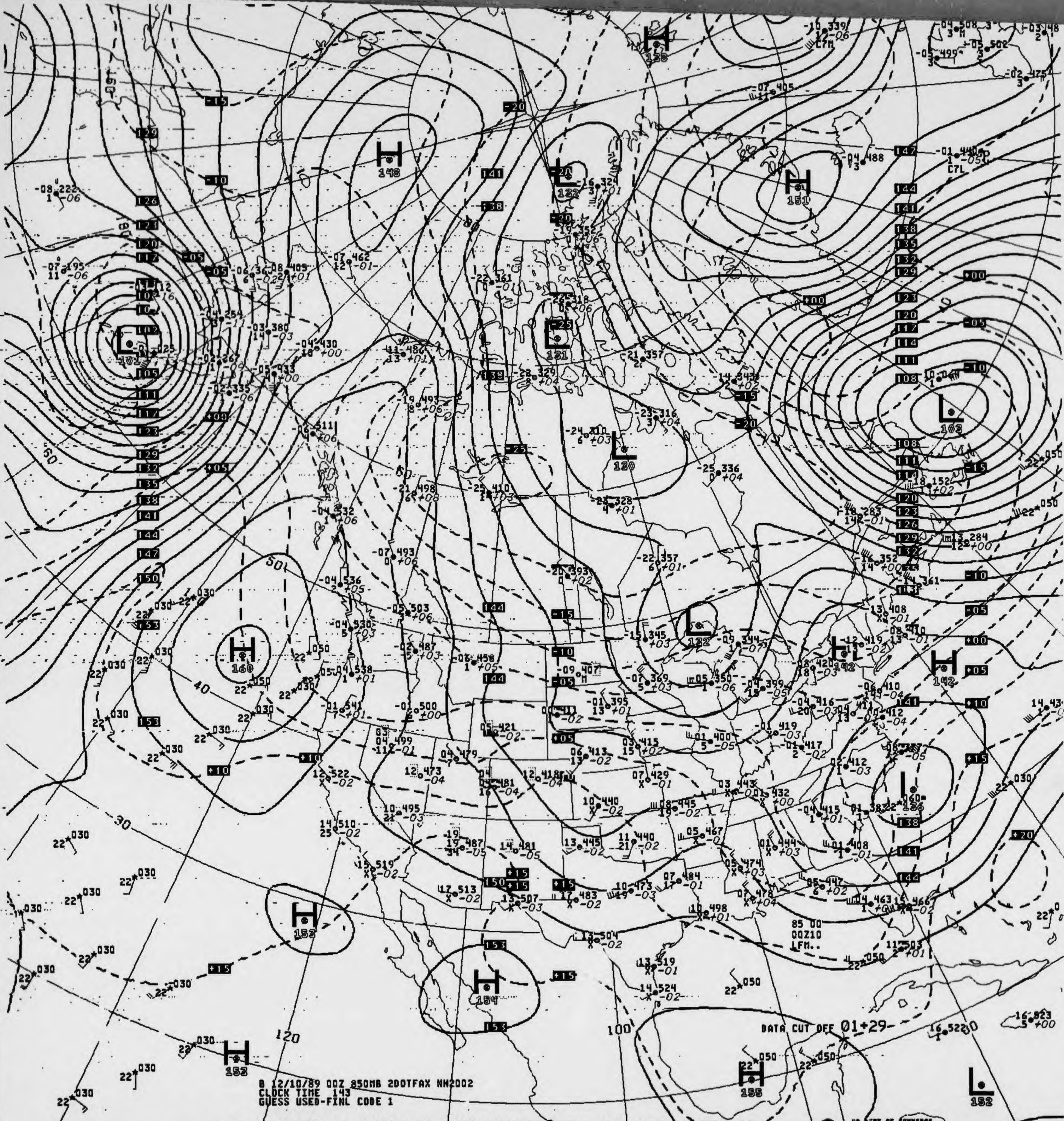
US DEPT OF COMMERCE NOAA/NWS/NMC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H 155
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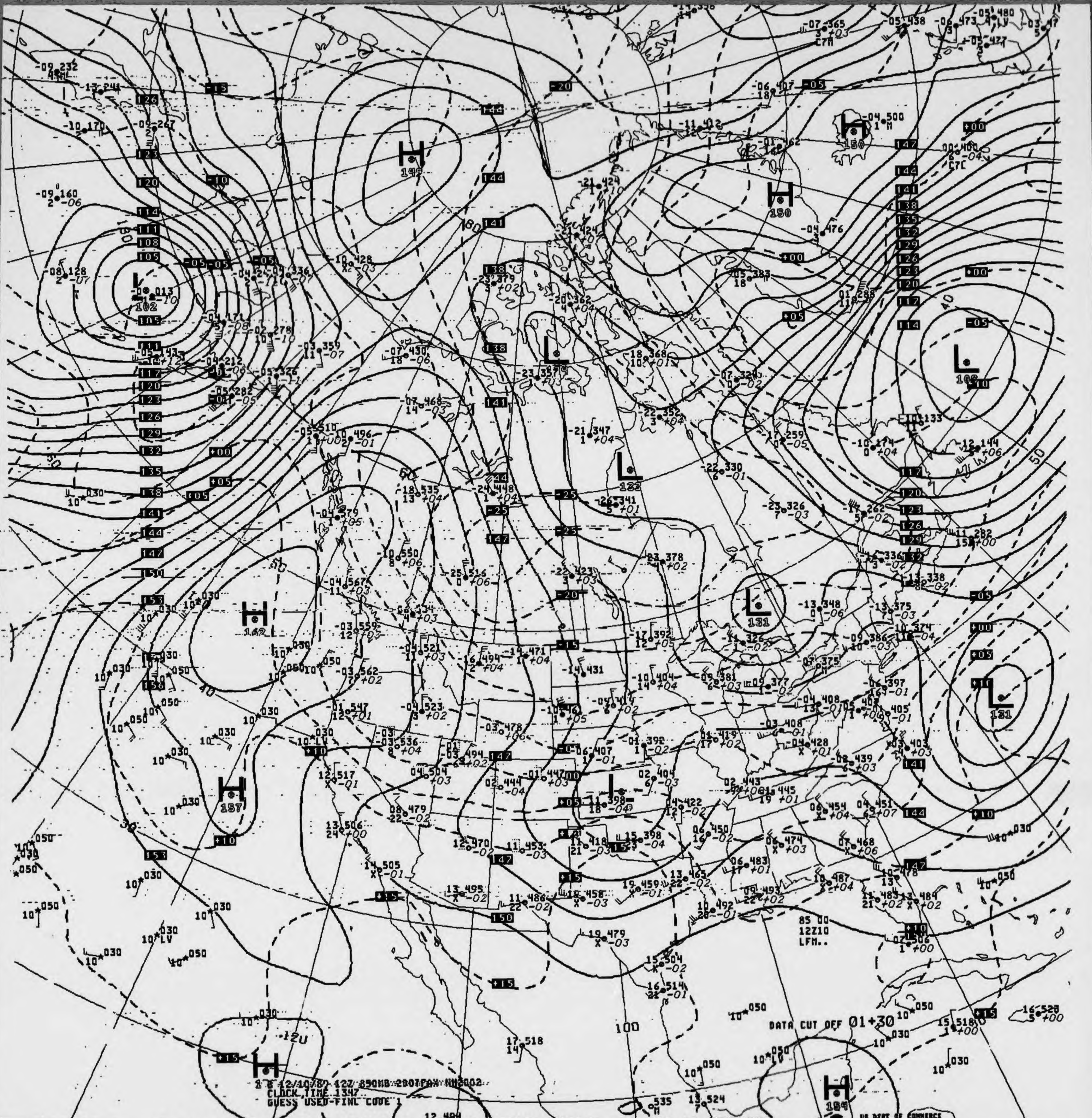
V035 ... 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 10 DEC 89

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON



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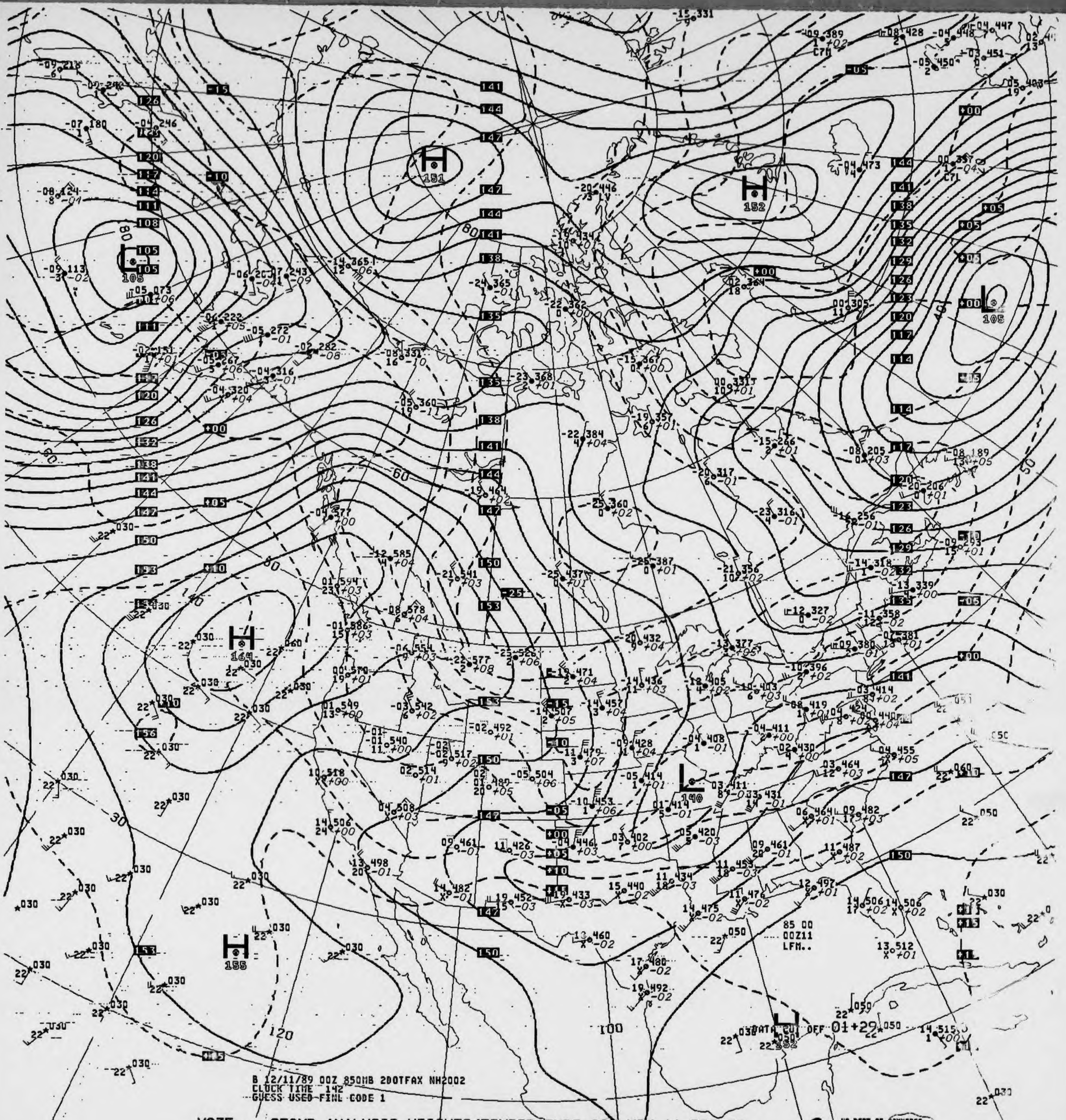
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 10 DEC 89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H 164
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L 140
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CLOCK TIME 142
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

850MB

ID 72273 72381
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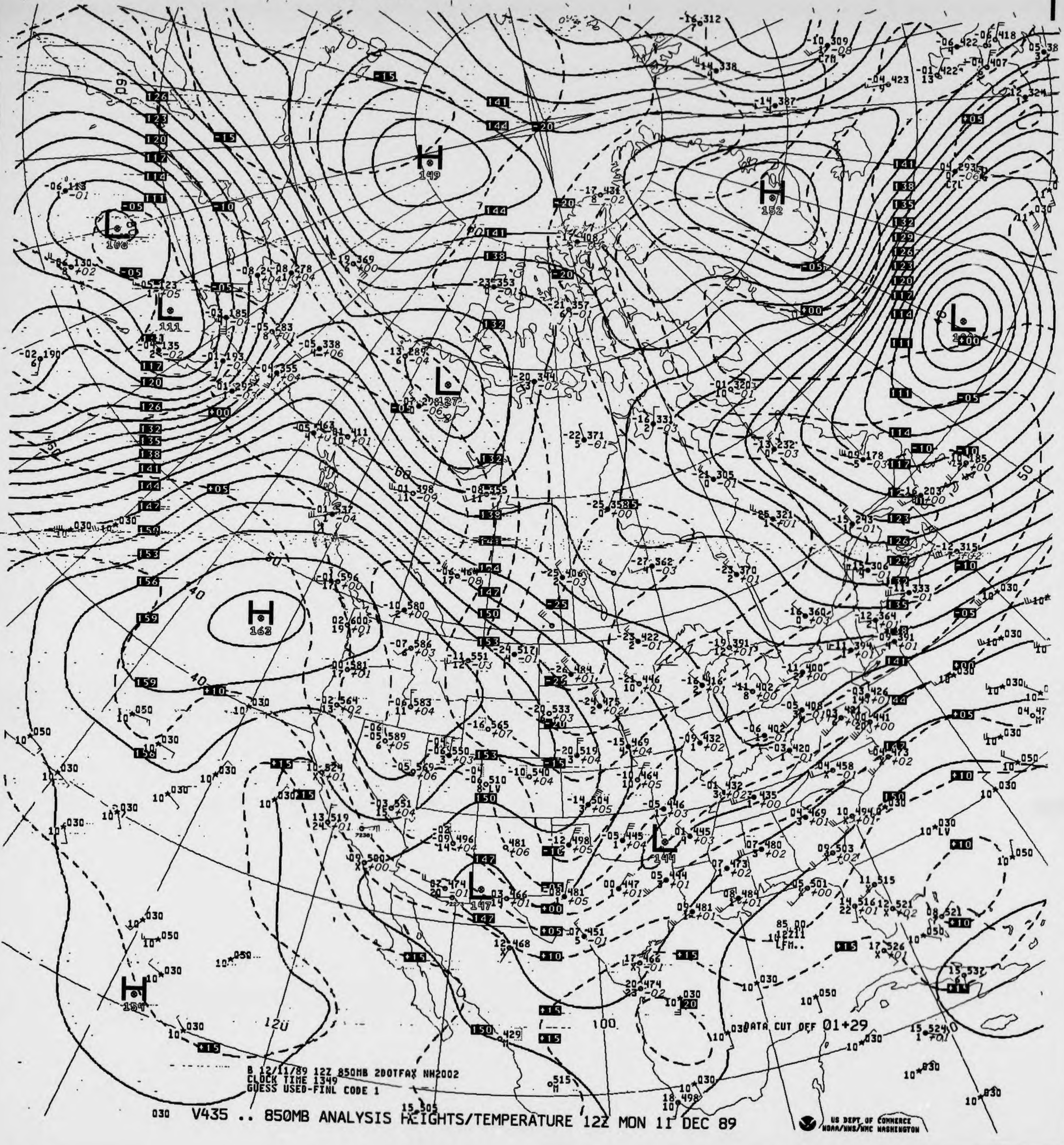
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L 111
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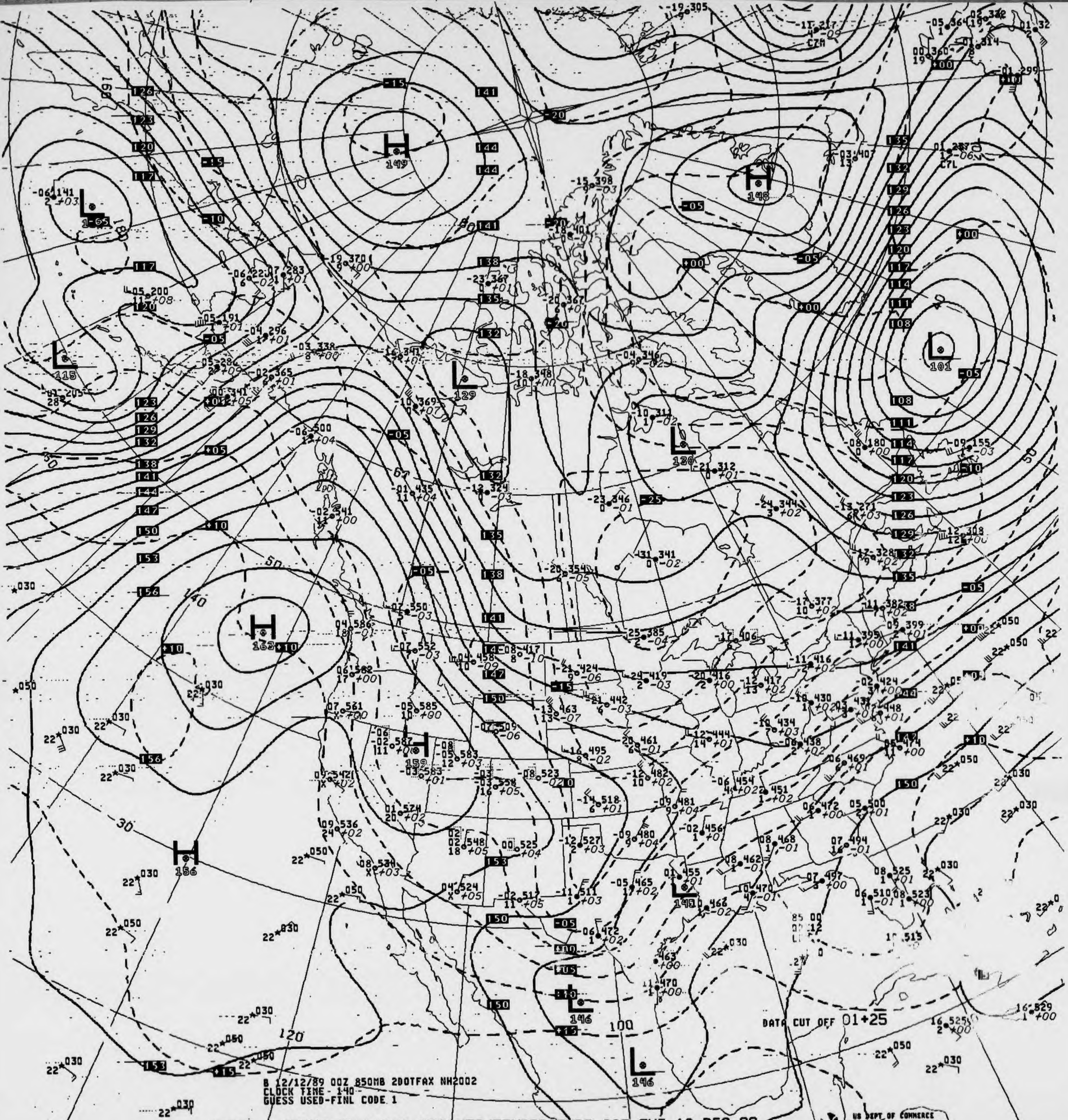
L 144

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CZM

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V035 ..-850MB ANALYSIS-HEIGHTS/TEMPERATURE 00Z TUE 12 DEC-89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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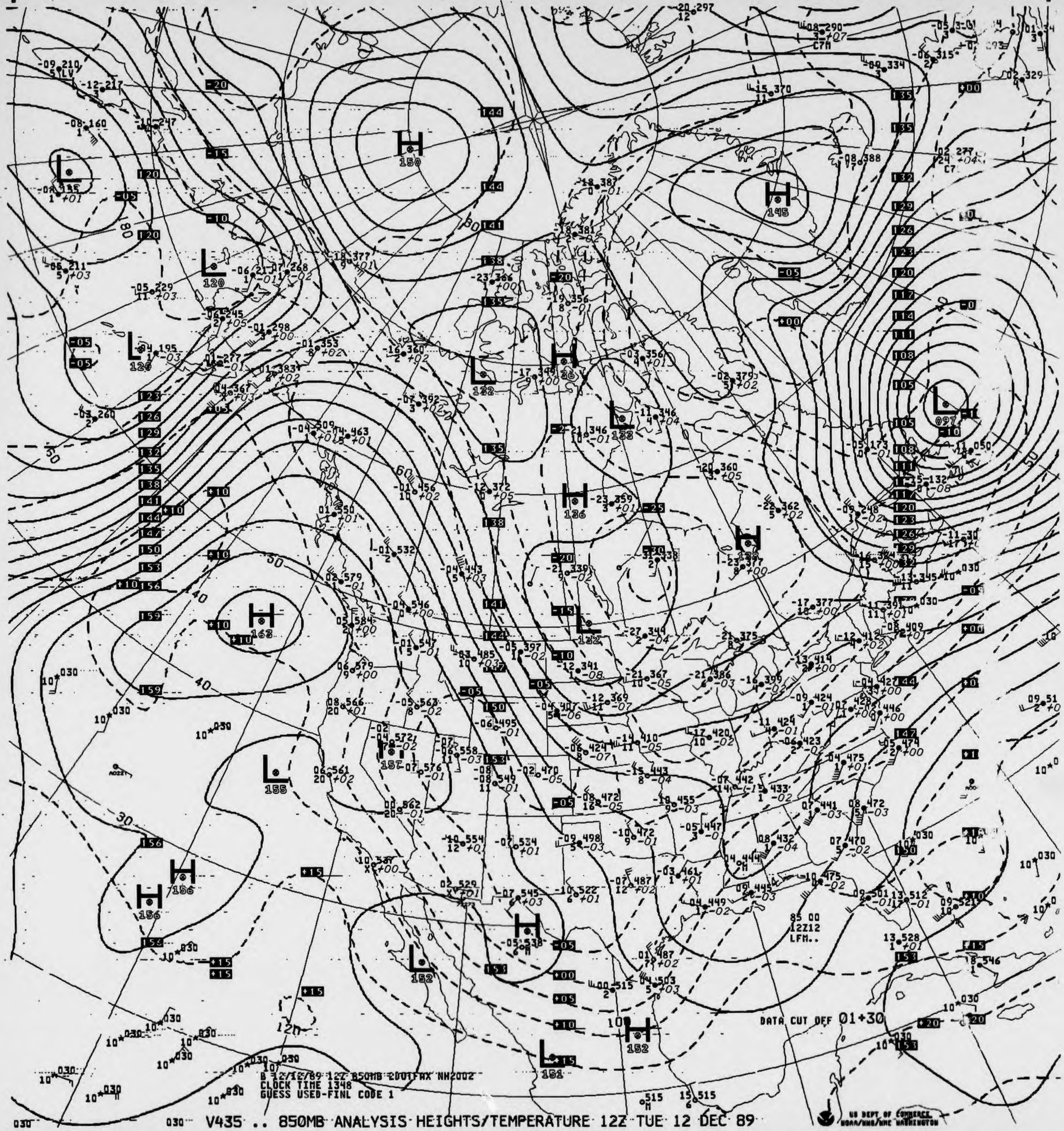
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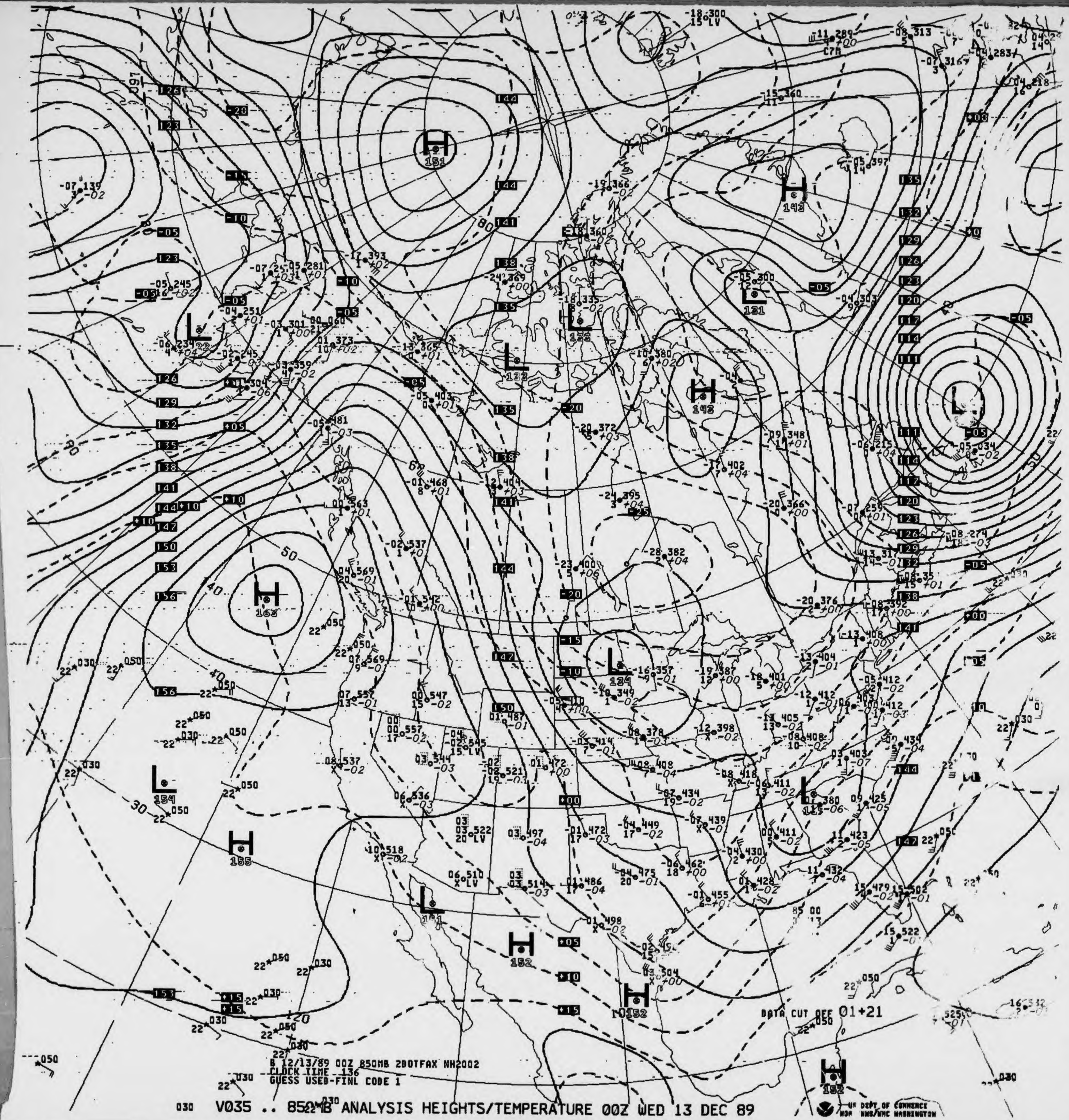
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 12 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 152
H 152
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L 134
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US DEPT OF COMMERCE
NOAA NWS/NMC WASHINGTON

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 13 DEC 89

850MB

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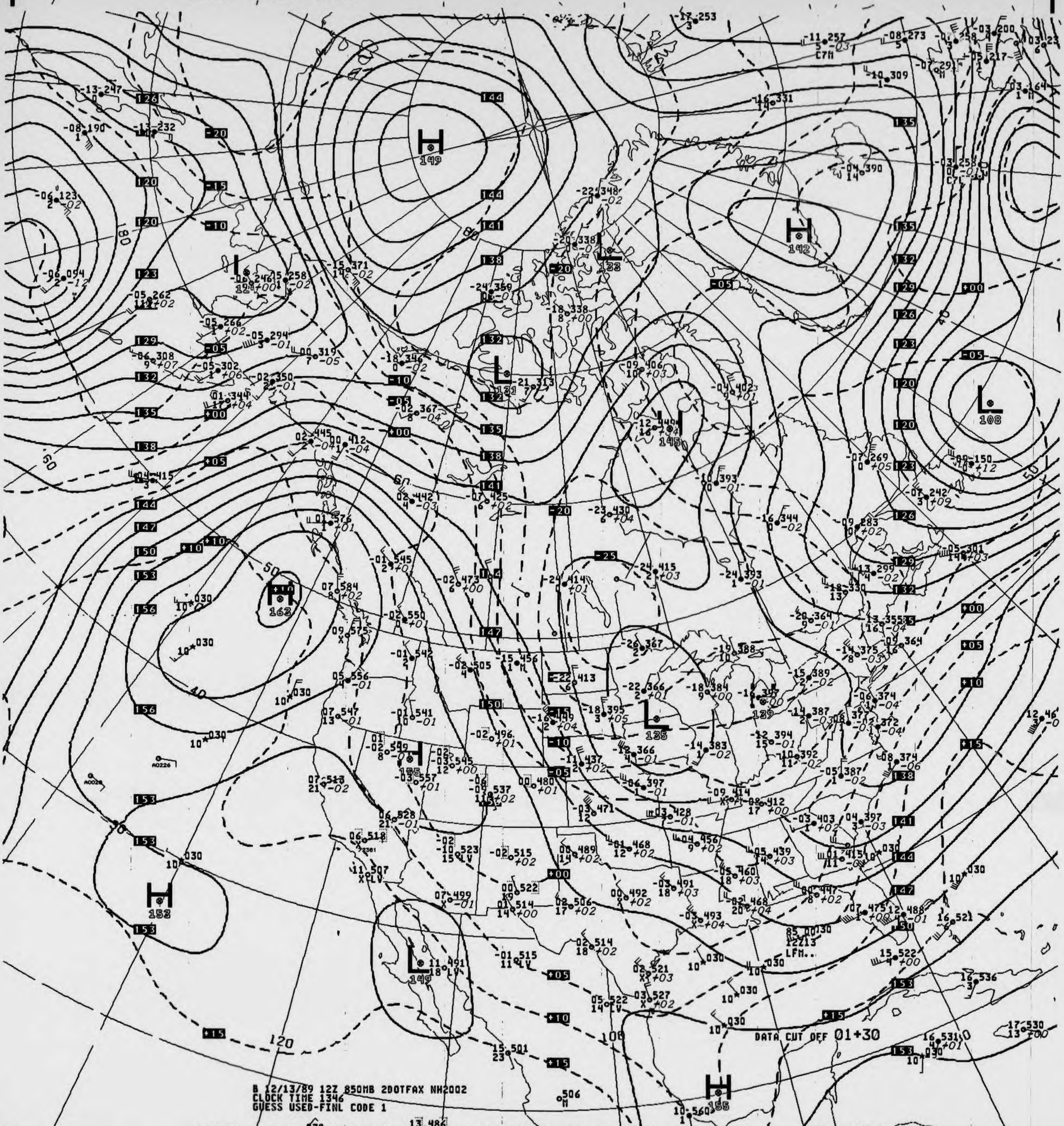

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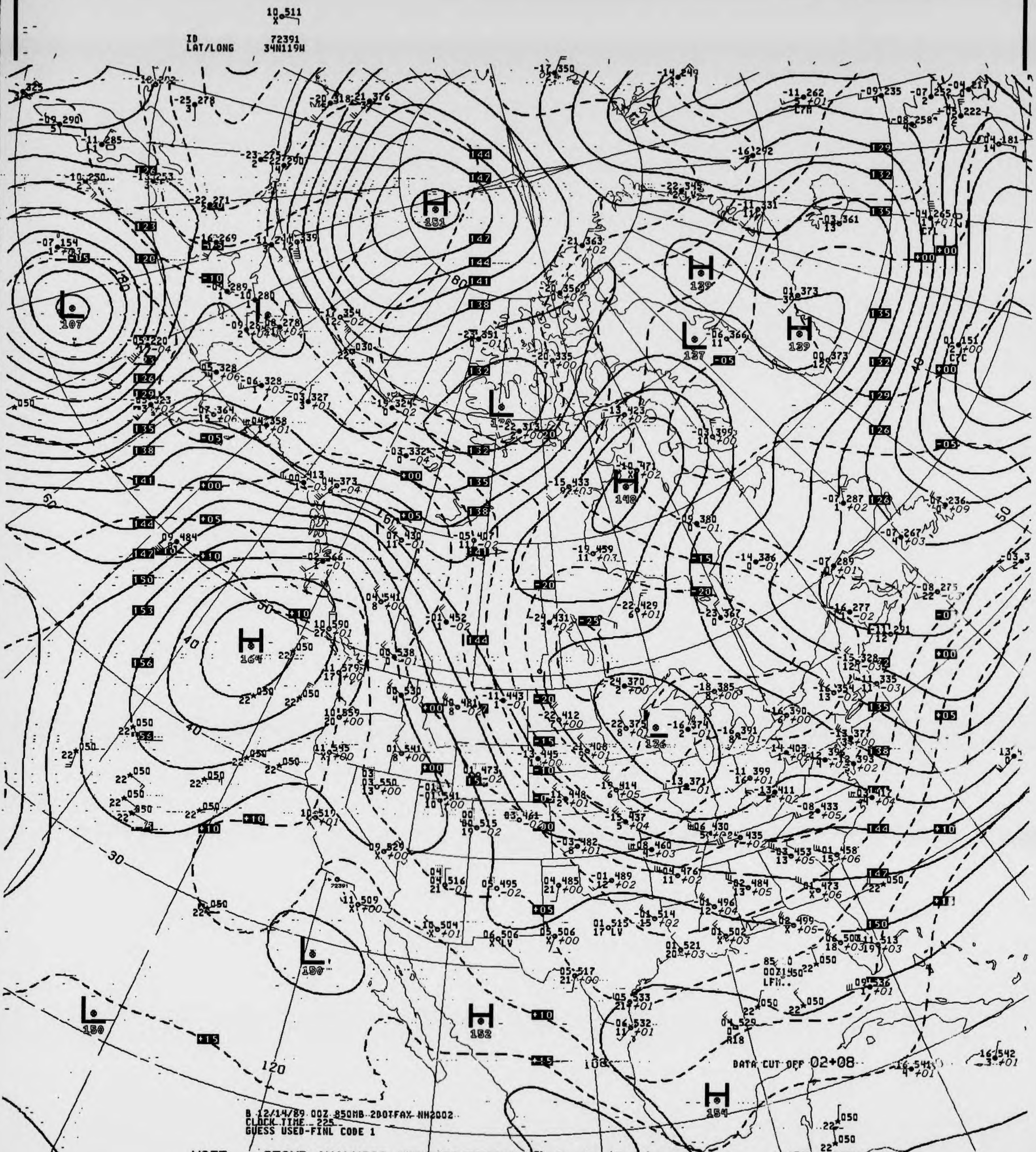
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

850MB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H 148
H 126
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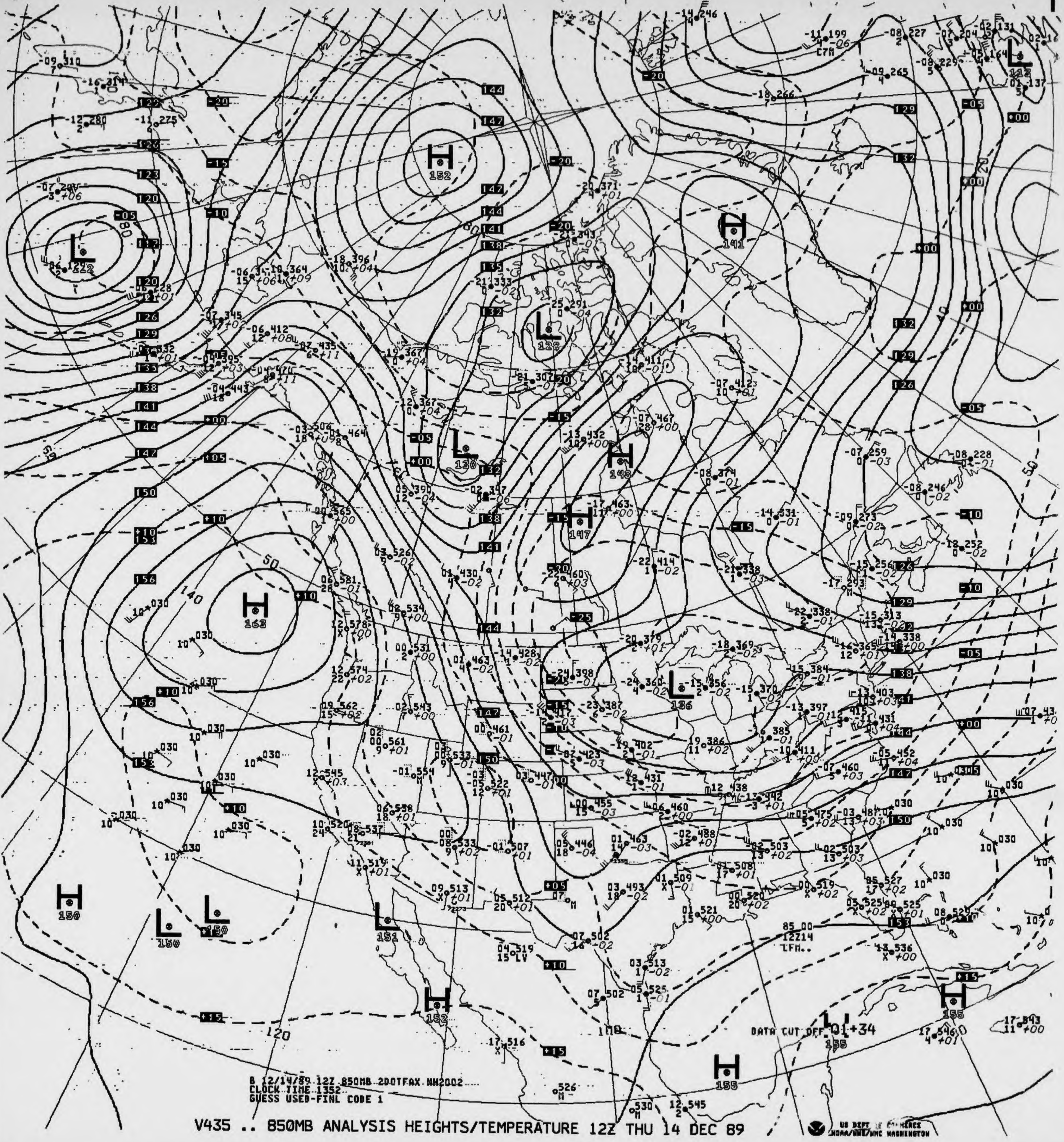
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 14 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

850MB

03 478 09 513
18 25 LV

ID 72355 72273
LAT/LONG 34N098W 31N110W

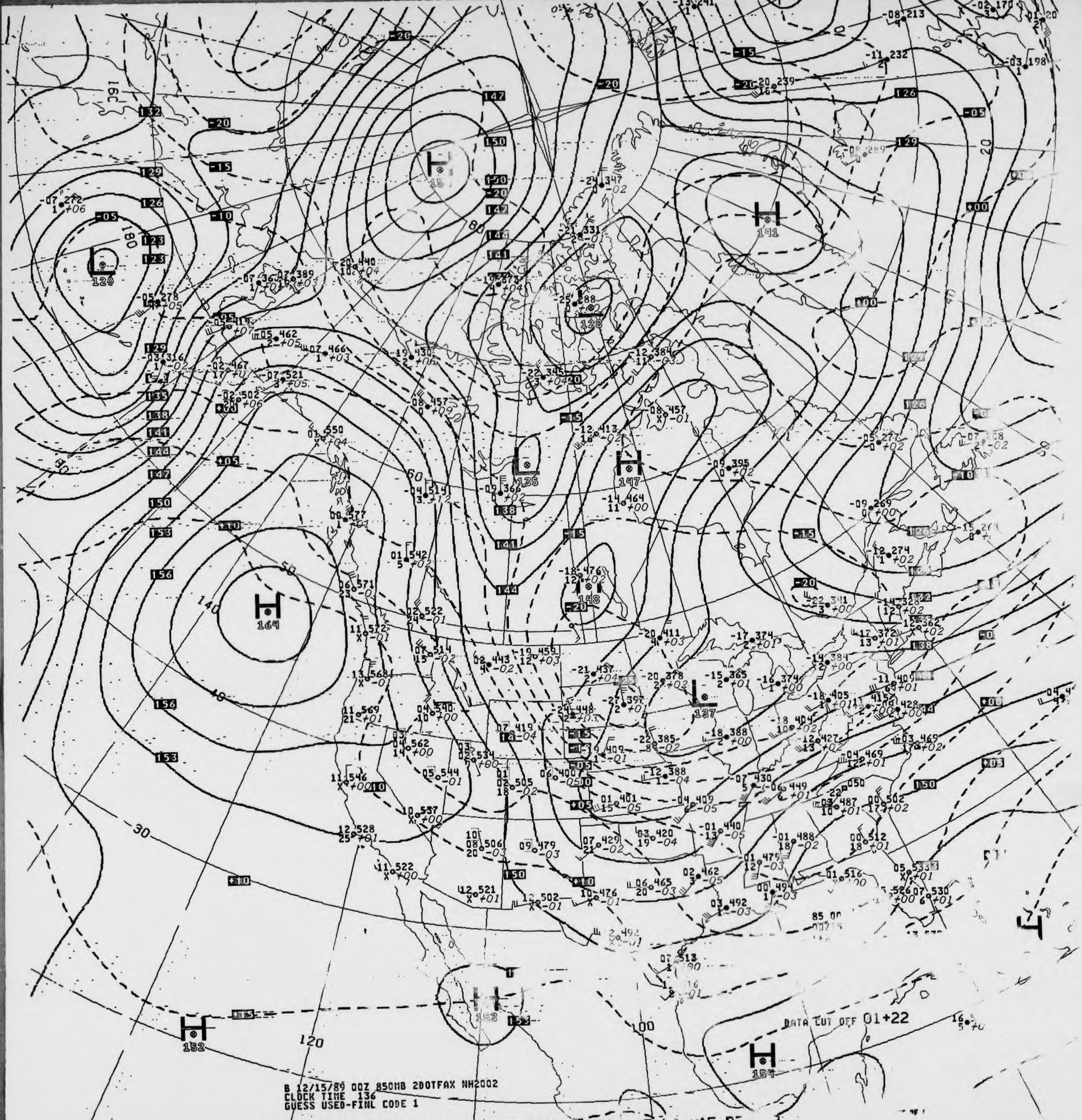


H 152
L 122
L 128
H 141
L 112
L 130
H 148
H 147
H 163
L 136
H 150
L 150
L 150
L 151
H 152
H 155
H 155
DATA CUT OFF 01+34

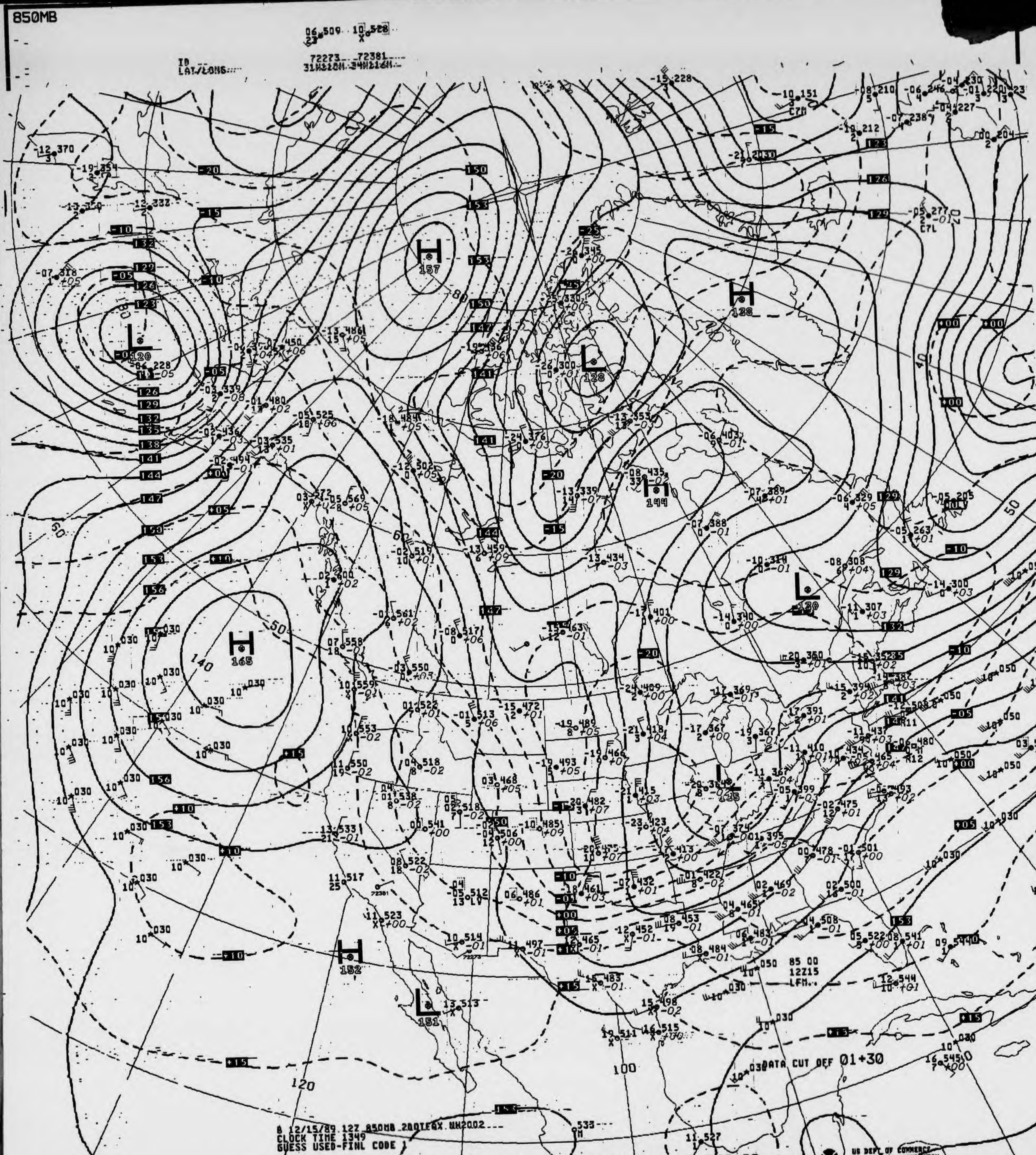
B 12/14/89 12Z 850MB 200TFAX NH2002
CLOCK TIME 1352
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 14 DEC 89

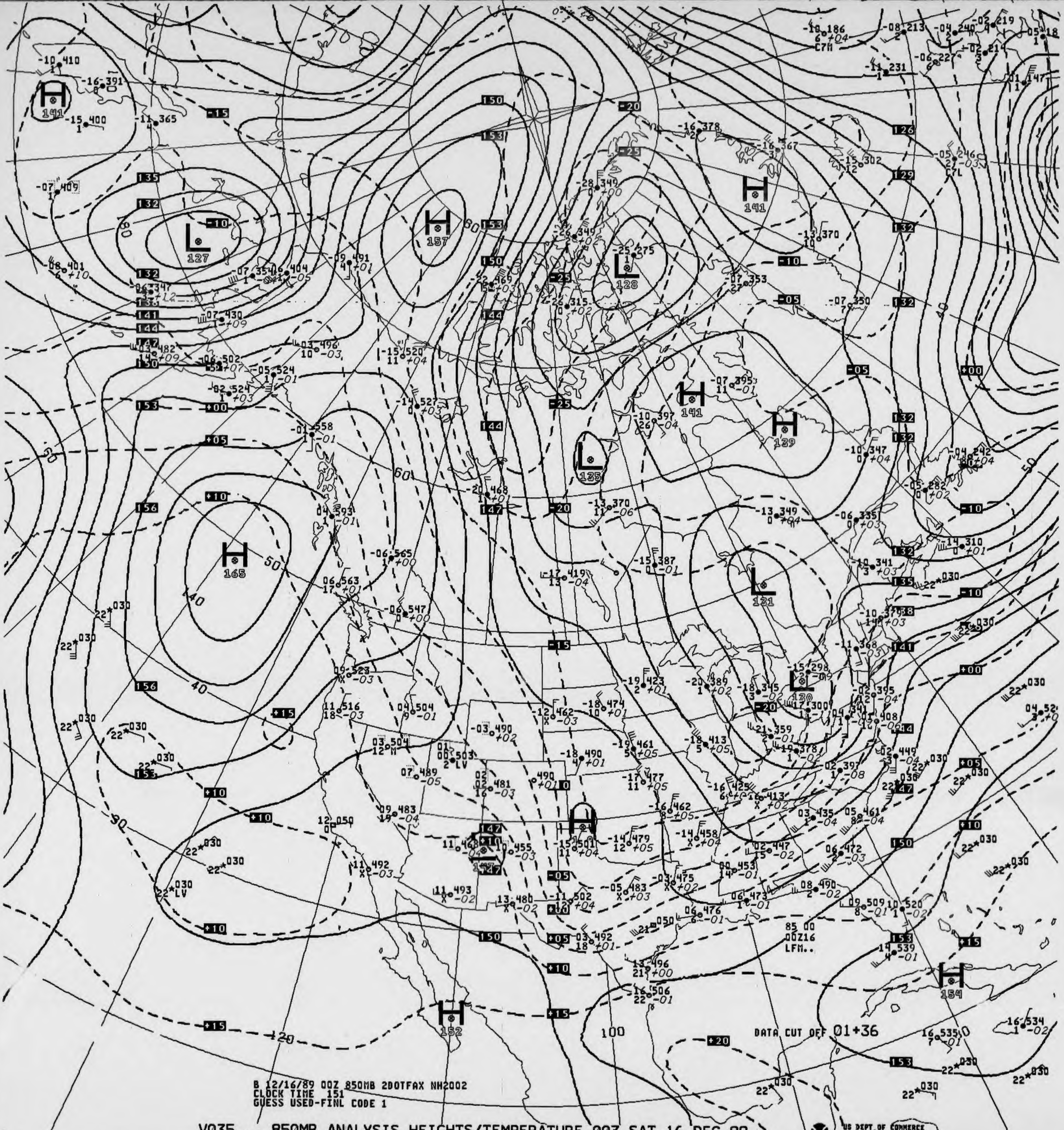
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
157
H
141
L
120
L
128
L
135
H
147
H
148
H
169
L
137
H
152
H
153
H
154
DATA CUT OFF 01+22
B 12/15/89 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 136
GUESS USED-FINL CODE 1
120
100
140
160
180
50
40
30
60
80

V035 .. 850MP ANALYSIS HEIGHTS/TEMPERATURE


850MB
ID
LAT/LONG
72273 72381
31N110W 34N116W
H 157
H 138
H 165
H 152
H 149
L 120
L 128
L 130
L 151
L 135
85 00
12Z15
LFM
DATA CUT OFF 01+30
100
120
140
50
60
8 12/15/89 12Z 850MB 280TEAX WH2002
CLOCK TIME 1349
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

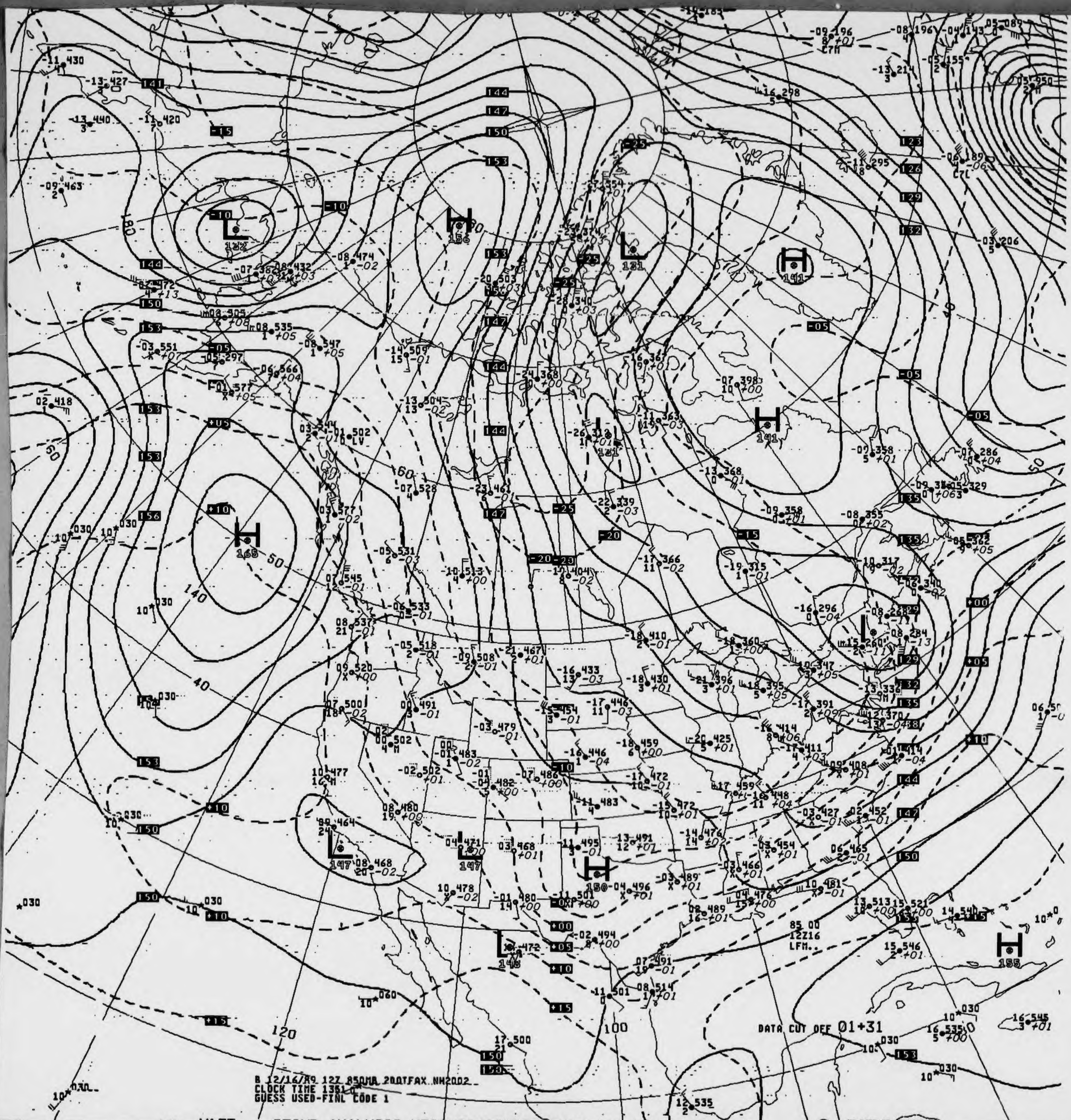
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 15 DEC 89


H 141
L 127
H 157
L 128
H 141
H 141
H 139
L 135
H 165
L 131
L 130
H
H 152
H 154
-10
-15
-20
-25
-05
+00
+05
+10
+15
+20
126
129
132
135
141
144
147
150
153
156
40
50
60
80
90
100
120
140
DATA CUT OFF 01+36
85 00
00Z16
LFM..

B 12/16/89 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 16 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



H
156
L
122
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131
H
141
H
141
H
168
L
131
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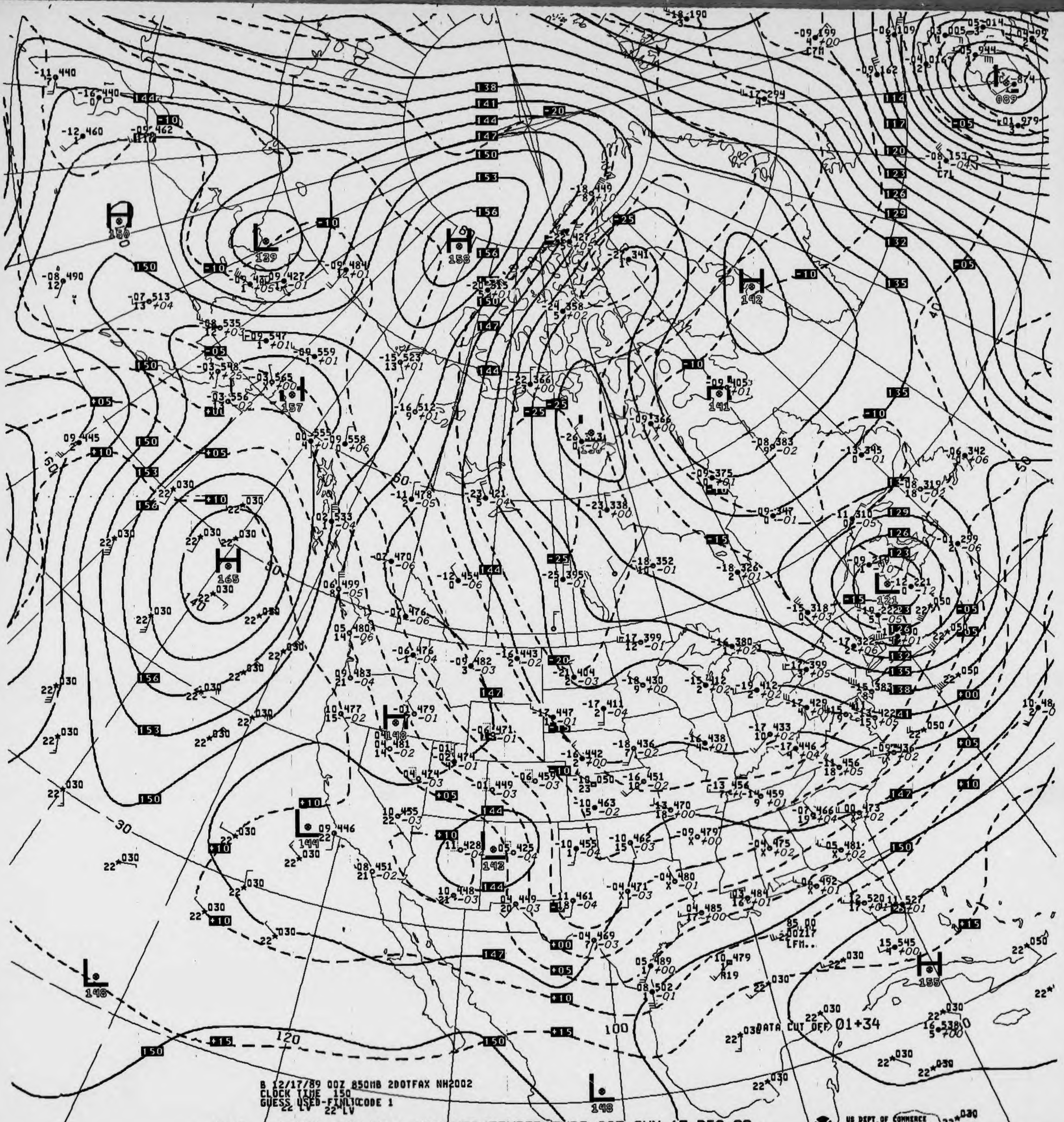
147
L
147
H
150
L
148
H
155
DATA CUT OFF 01+31
85 00
12Z16
LFM.
-10
-15
-20
-25
-05
+05
+10
+15
+00
123
126
129
132
135
138
141
144
147
150
153
156
40
50
60
100
120
140
180

B 12/16/89 12Z 850MB 200TFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1

V435 . 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 16 DEC 89

US DEPT OF COMMERCE

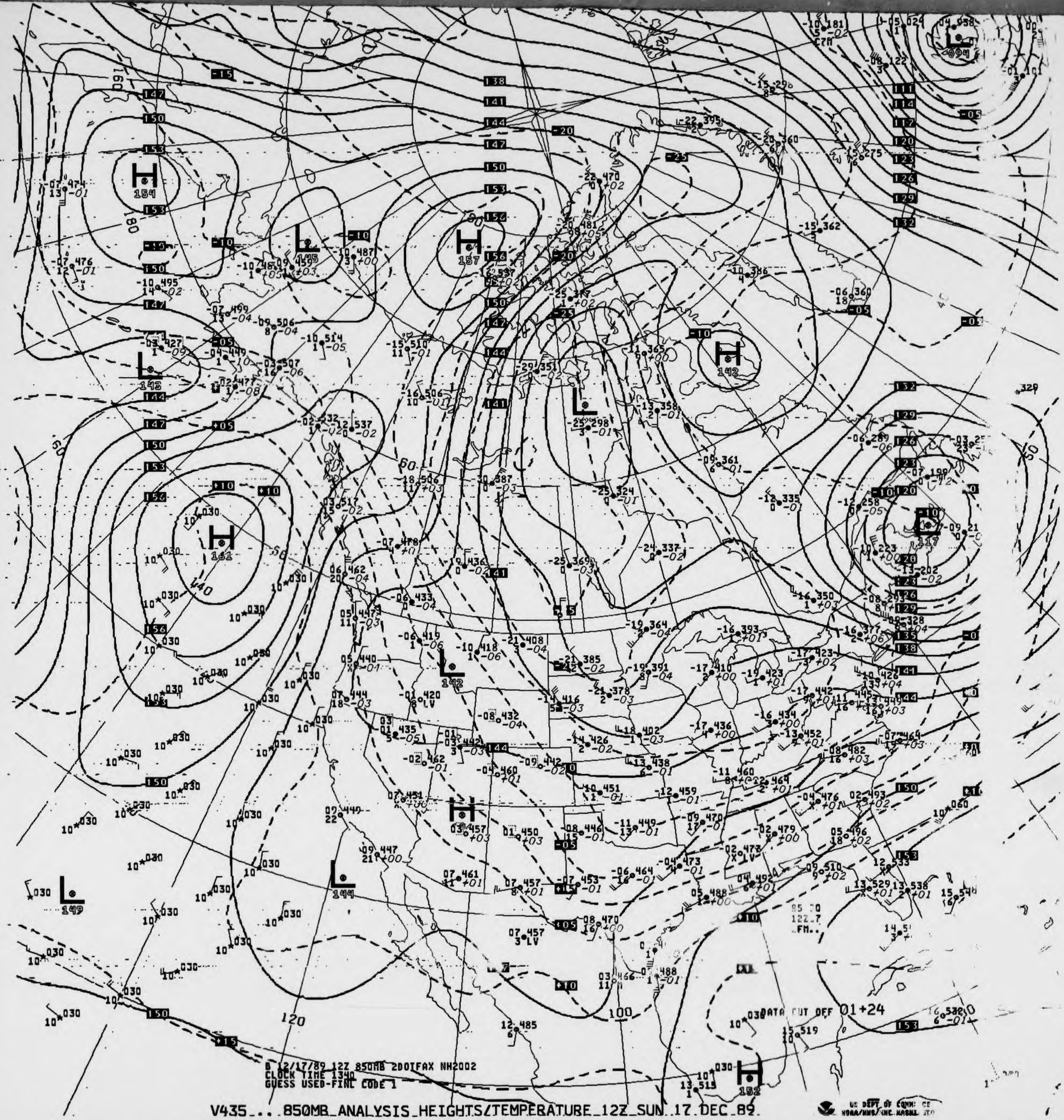


B 12/17/89 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 150
GUESS USED-FINLICODE 1
22 LV 22 LV

DATA CUT OFF 01+34

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 17 DEC 89

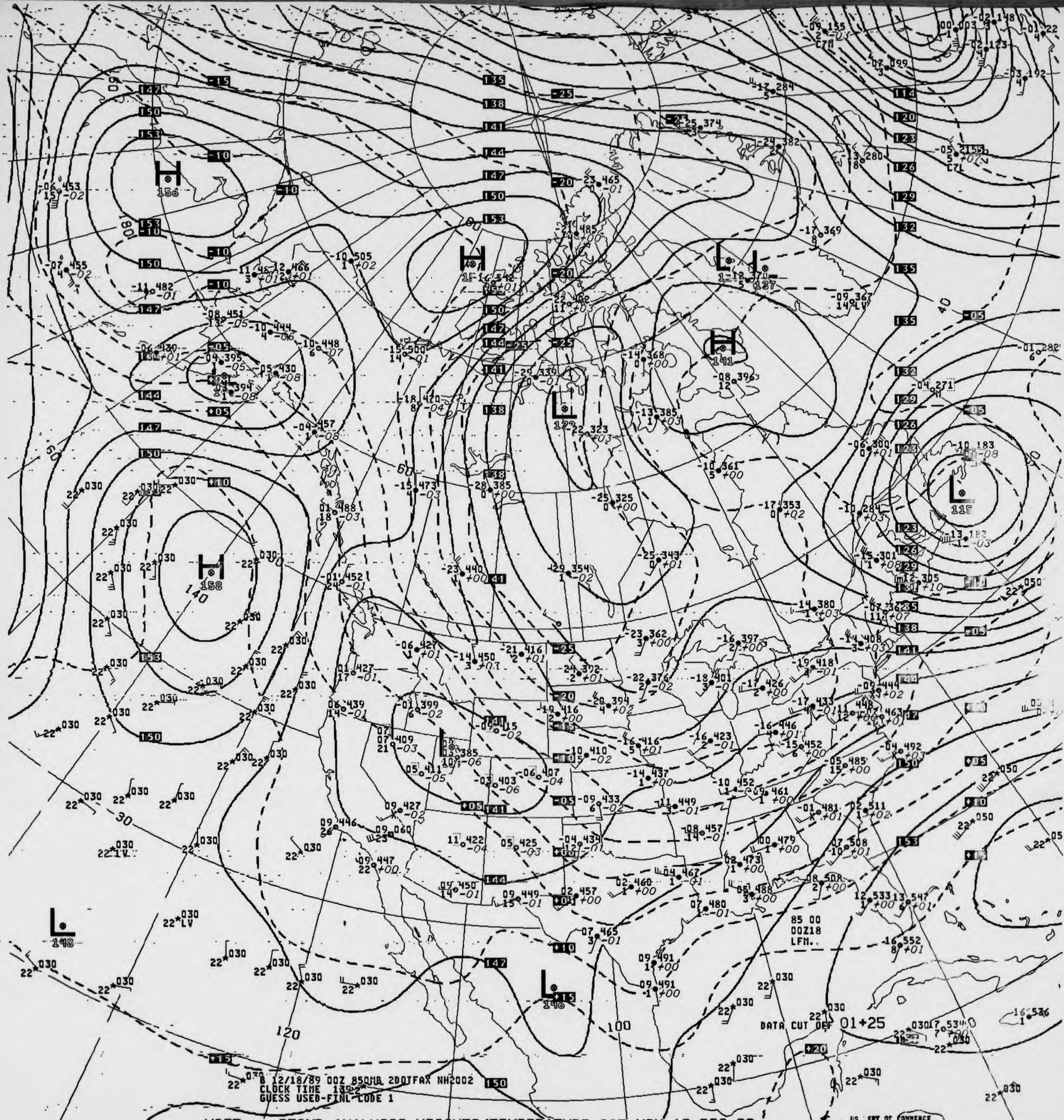
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 154
L 145
H 157
H 142
L 143
H 151
L 142
L 117
H 094
L 144
L 149
H 152
DATA CUT OFF 01+24

B 12/17/89 12Z 850MB 200IFAX NH2002
CLOCK TIME 1340
GUESS USED-FINL CODE 1

V435... 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 17 DEC 89.

US DEPT OF COMMERCE
NOAA/NWS/NMC


B 12/18/89 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 1392
GUESS USED-FINL CODE 1
85 00
00Z18
LFM..
DATA CUT OFF 01+25
H
156
H
158
H
141
H
L
122
L
115
L
146
L
148
60
140
120
100
40
30

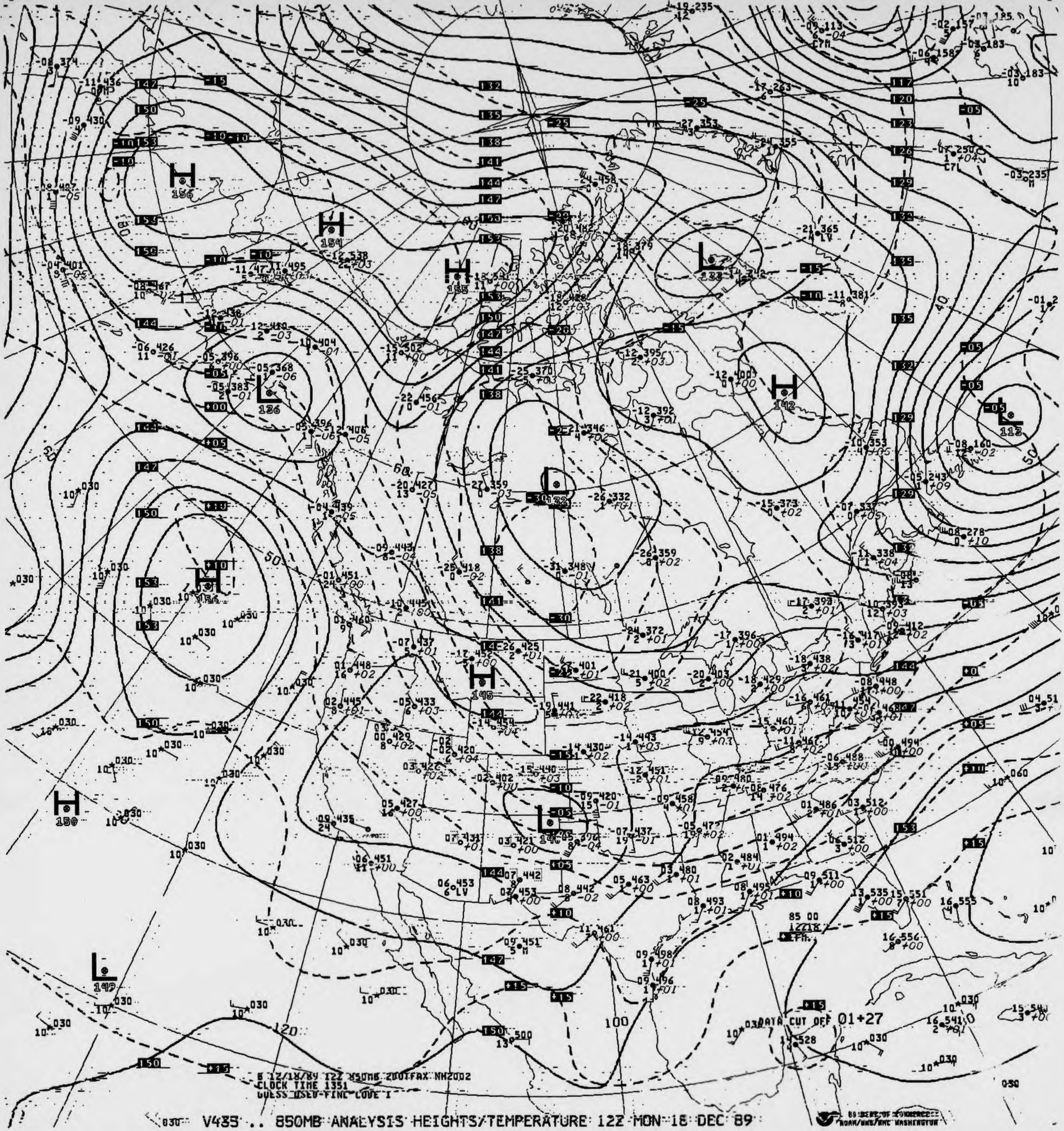
V035.... 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 18 DEC 89

US DEPT OF COMMERCE
NOAA/ NESDIS WASHINGTON

850MB

10 433
X

ID 72381
LAT/LONG 34N116W


H 156
H 154
H 155
L 136
L 132
L 133
H 142
L 112
H 156
H 145
L 146
H 150
L 149
DATA CUT OFF 01+27
85 00
12Z18
100
120
50
60
40

8 12/18/89 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1351
GUESS USED-FINE LOVE I

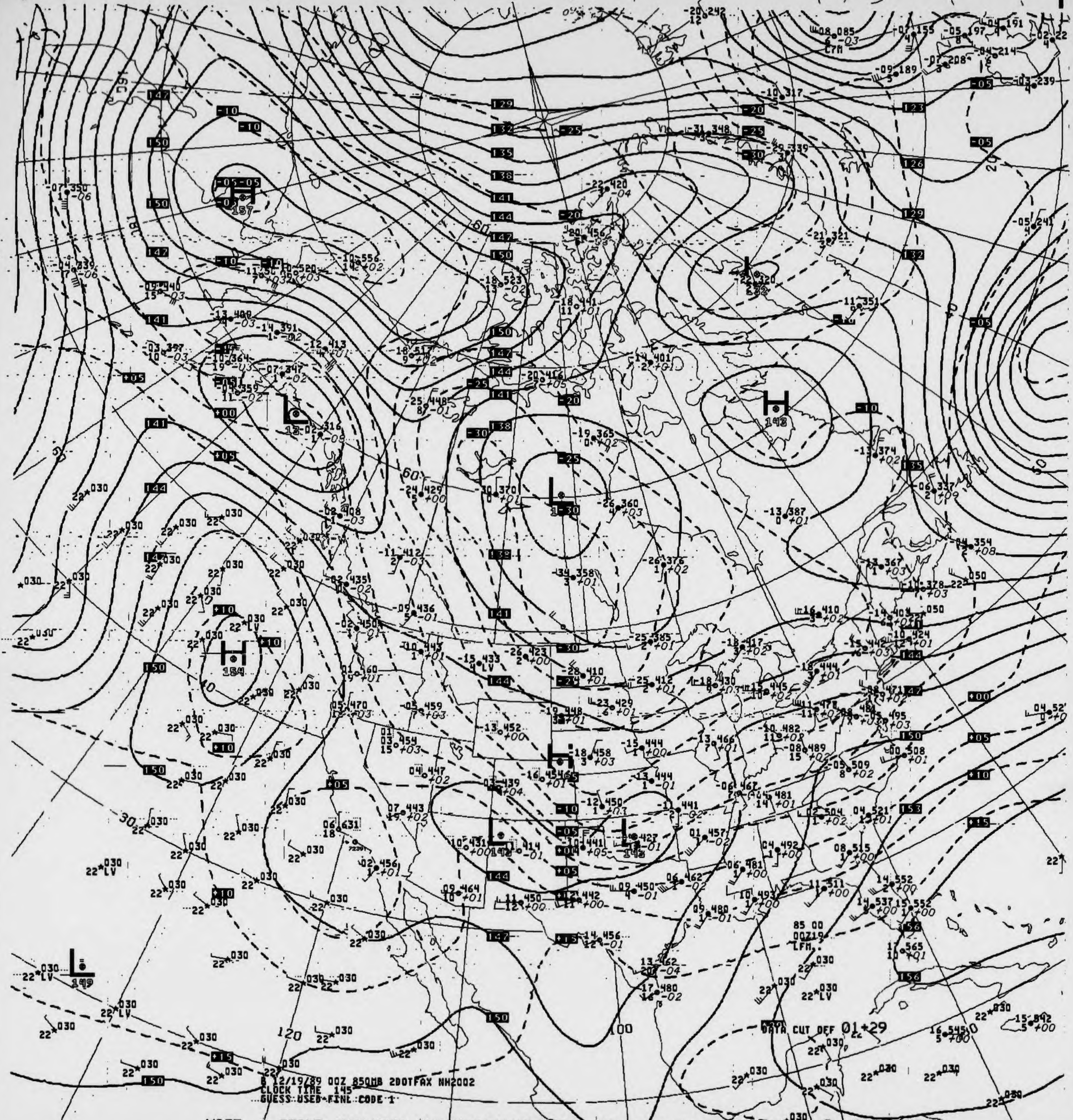
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 18 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

850MB

02 447
1

ID 72391
LAT/LONG 34N119W


12/19/89 00Z 850MB 20OTFAX NH2002
CLOCK TIME 145
GUESS USED-FINE CODE 1
DATA CUT OFF 01+29
85 00
00Z19
LFM..
H
157
H
143
H
164
L
149
L
132
60
50
40
30
120
100

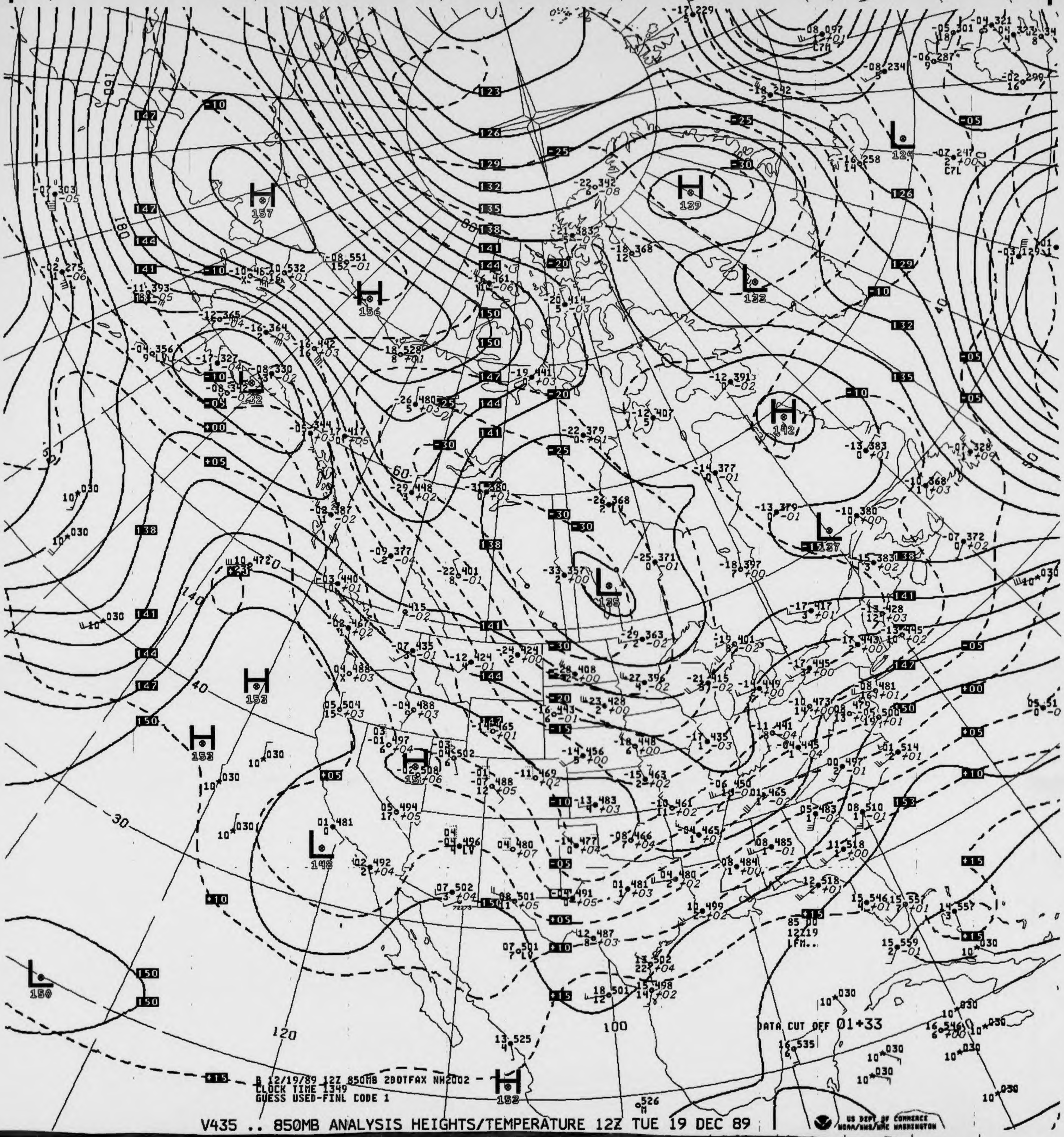
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

850MB

06 497
2

ID 72273
LAT/LONG 31N110W


B 12/19/89 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1349
GUESS USED-FINL CODE 1
DATA CUT OFF 01+33
85 00
12219
LFM..
H 157
H 156
H 129
H 142
H 153
H 153
H 153
H 153
L 124
L 133
L 137
L 135
L 132
L 148
L 150
120
100
140
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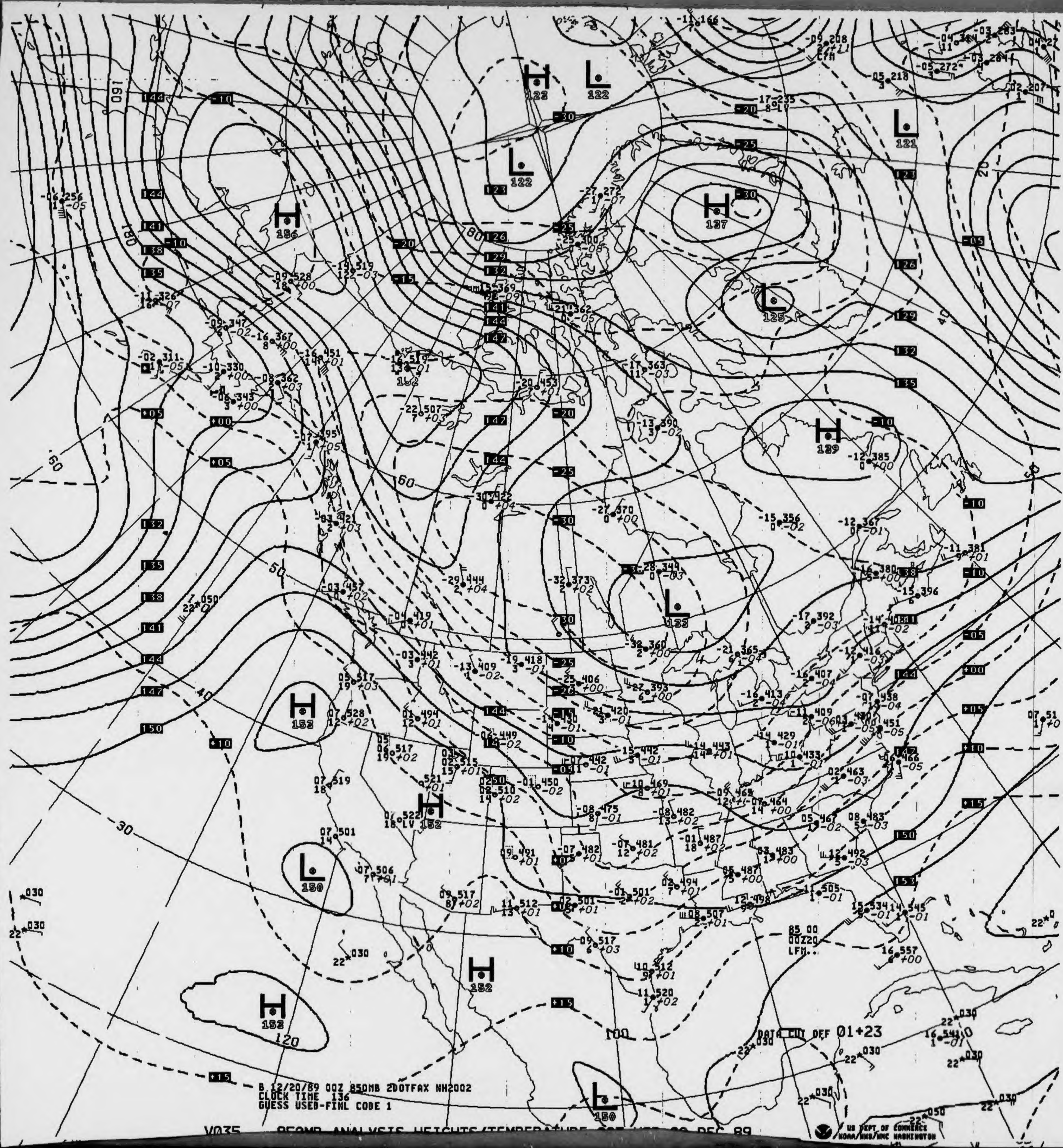
40
30
60

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 123
L 122
L 121
L 122
H 156
H 137
L 125
H 139
L 133
H 152
H 152
L 150
H 152
H 152
L 150
DATA CUT OFF 01+23
85 00
00Z20
LFM..

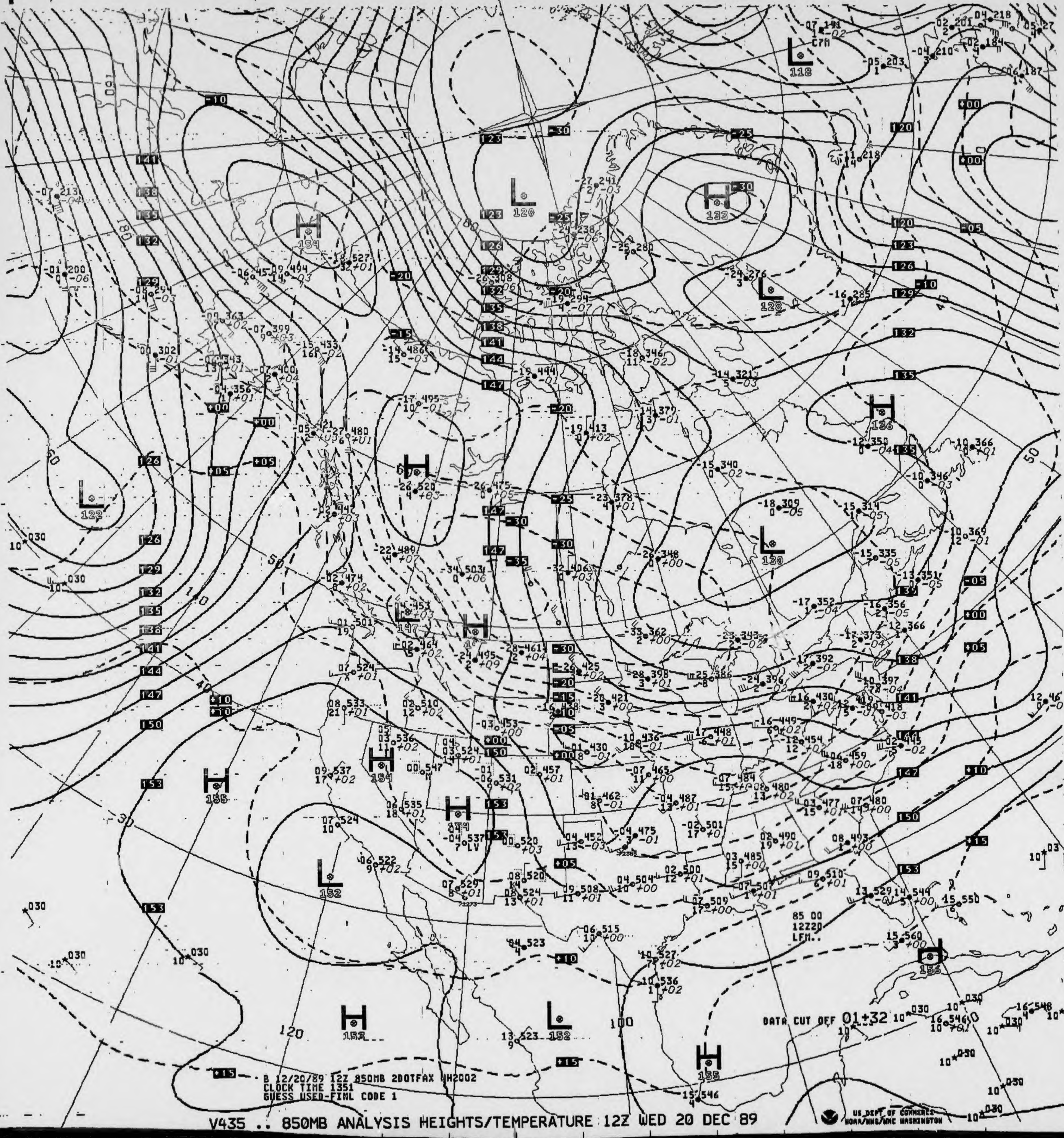
B 12/20/89 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 136
GUESS USED-FINL CODE 1

V035 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

850MB

	-01 484 7	07 525 6
ID	72355	72273
LAT/LONG	34N098W	31N110W


B 12/20/89 12Z 850MB 2DOTFAX WH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1
85 00
12Z20
LFM..
DATA CUT OFF 01+32
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H
154
L
120
H
133
L
118
L
128
H
136
L
130
L
122
H
147
H
155
H
154
H
149
L
152
H
156
H
152
L
152
H
155
180
160
120
100
50
40
30

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 20 DEC 89

850MB

09 528
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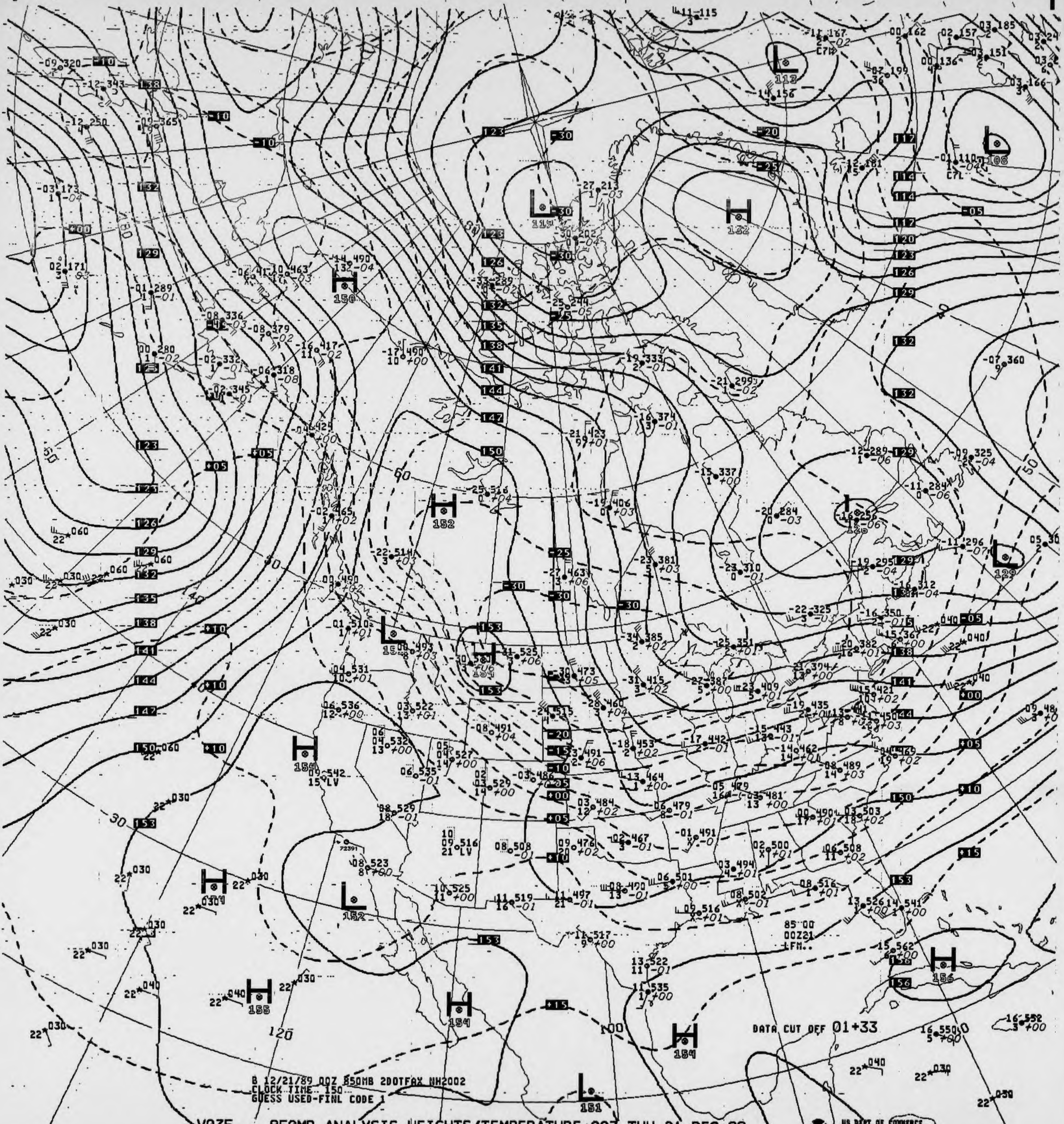
ID 72391
LAT/LONG 34N119W

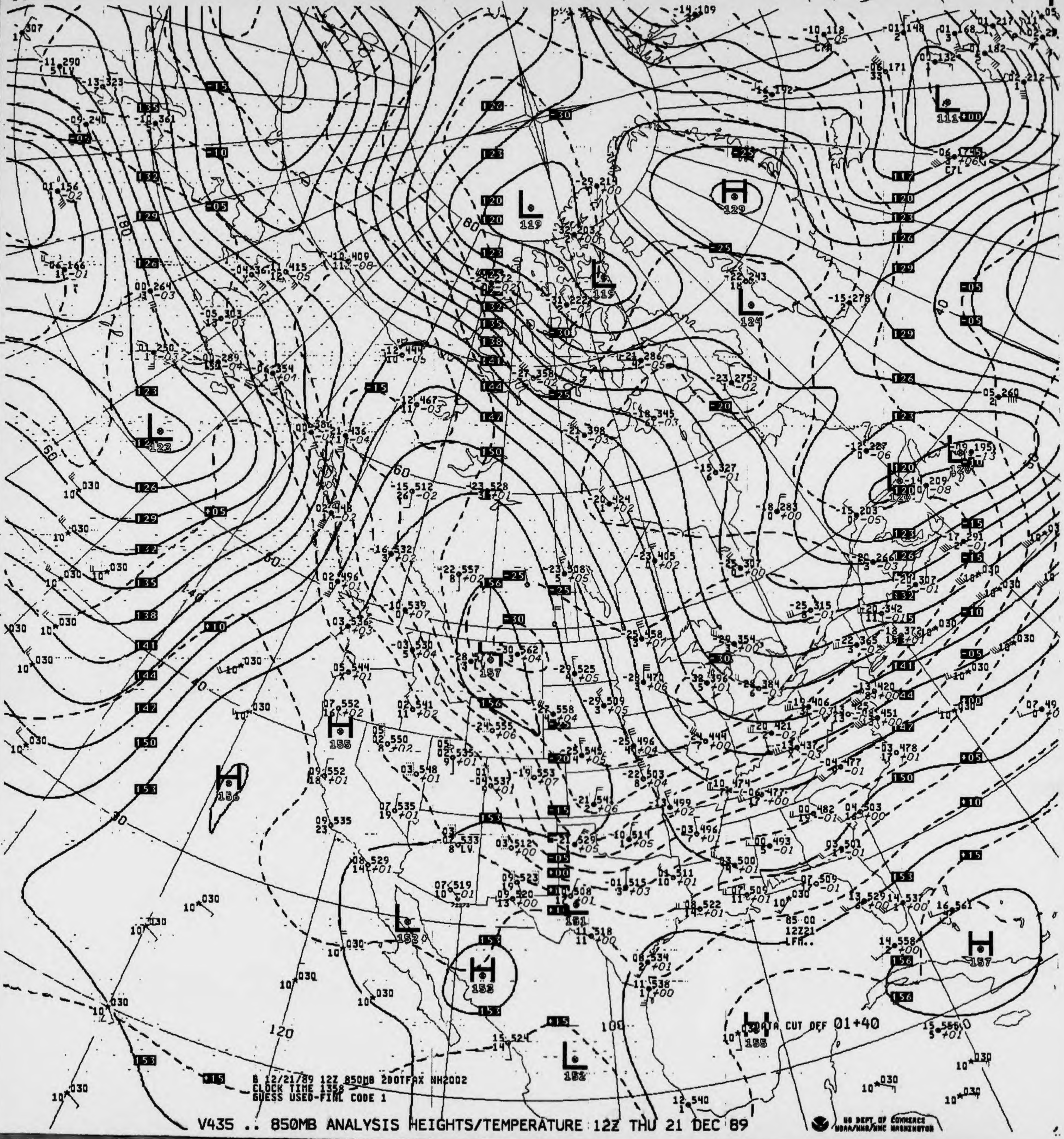

B 12/21/89 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 150
GUESS USED-FINL CODE 1
DATA CUT OFF 01+33
85 00
00Z21
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 21 DEC 89

850MB

07 517
9

ID 72273
LAT/LONG 31N110W


L
119
L
119
H
129
L
124
L
111
L
122
L
120
L
157
H
155
H
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L
152
H
152
H
157
H
155
L
152
L
161
180
80
60
40
30
120
100

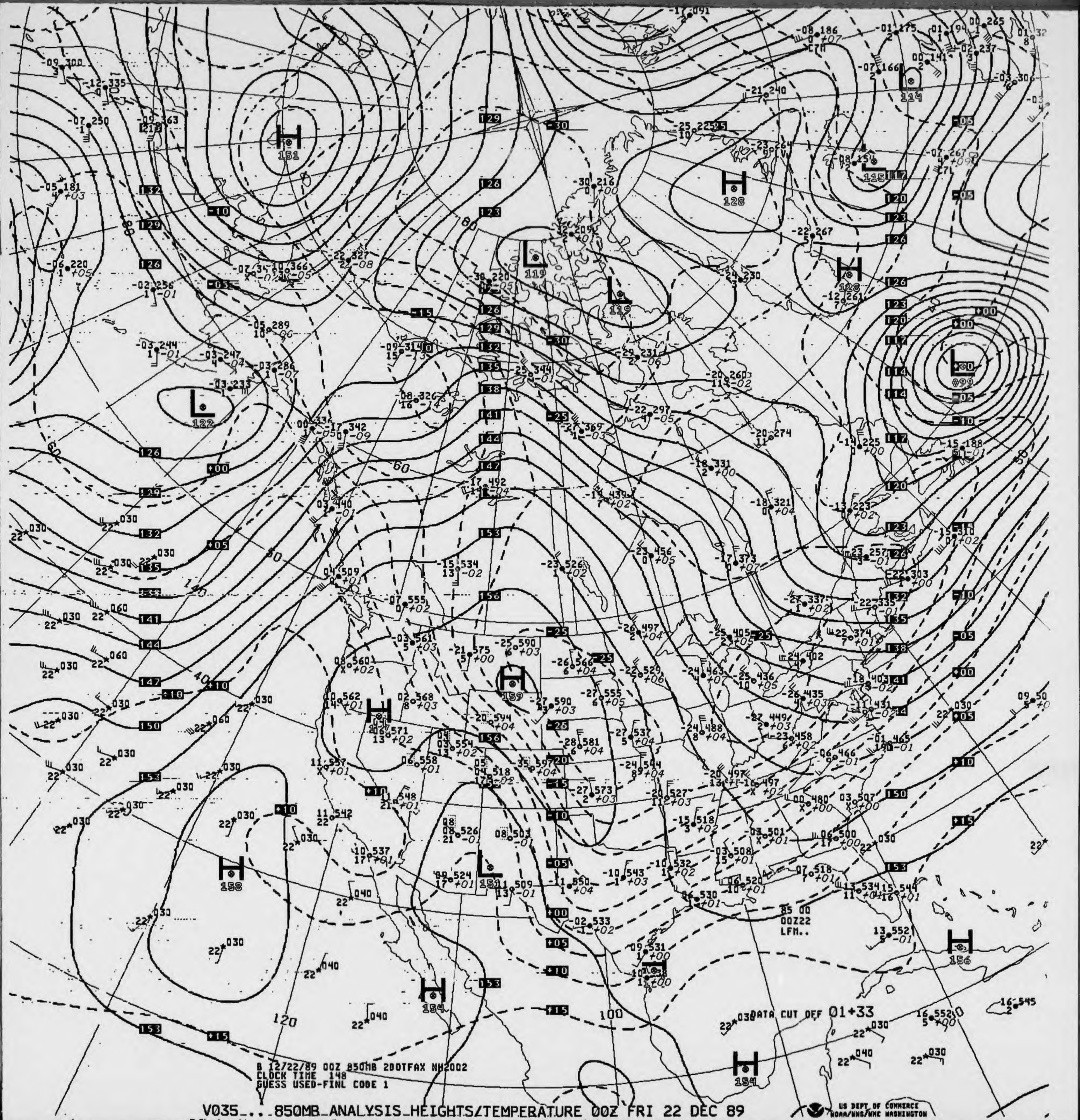
8 12/21/89 12Z 850MB 200TFAX NH2002
CLOCK TIME 1358
GUESS USED-FINL CODE 1

DATA CUT OFF 01+40

85 00
12Z21
LFM..

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 21 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



DATA CUT OFF 01+33
85 00
00Z22
LFM..
H
151
L
122
H
128
L
119
L
119
H
128
L
099
H
159
L
151
H
158
H
154
H
156
H
154

B 12/22/89 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 148
GUESS USED-FINL CODE 1

V035... 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 22 DEC 89

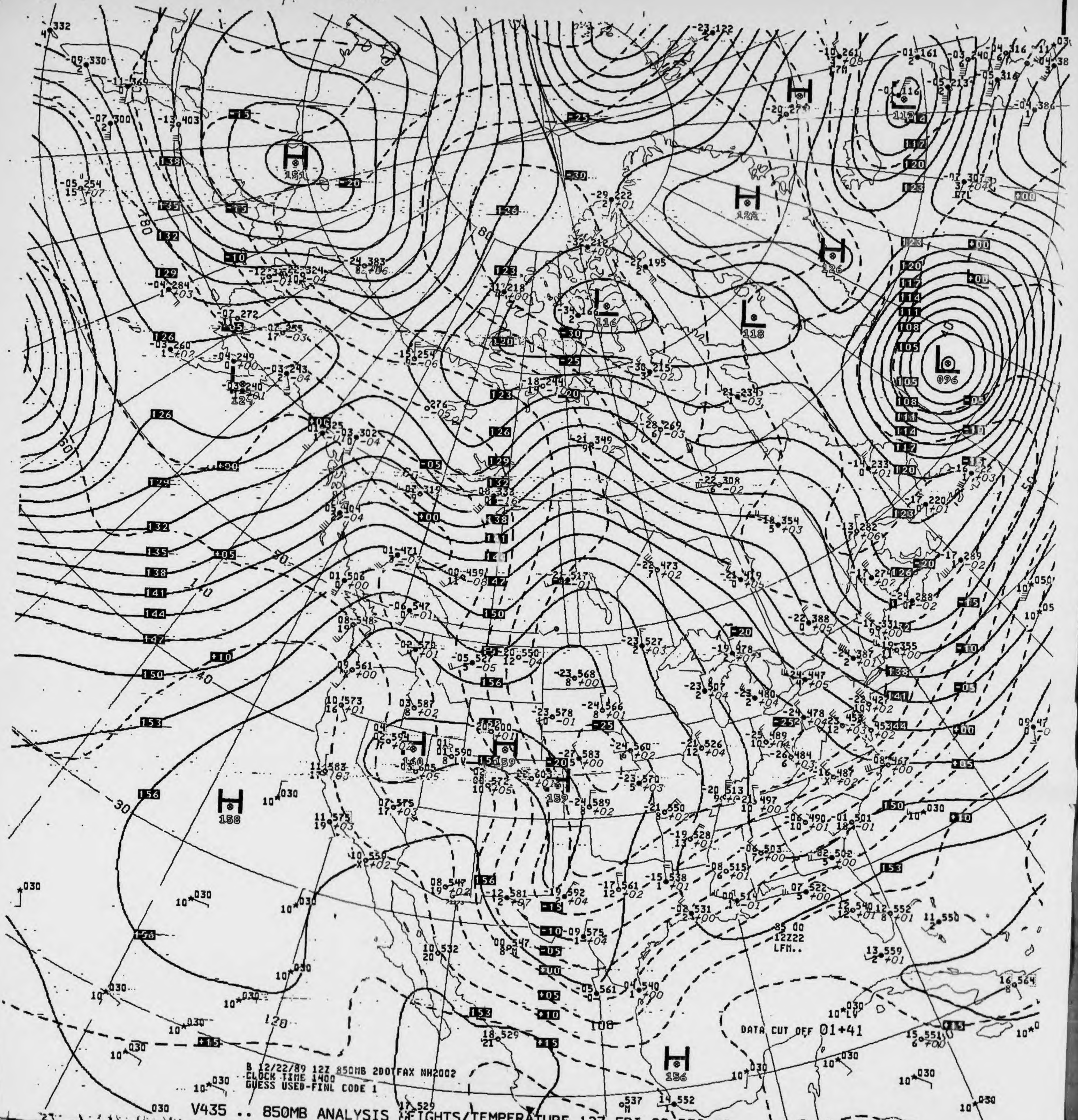
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

850MB

06 545
15

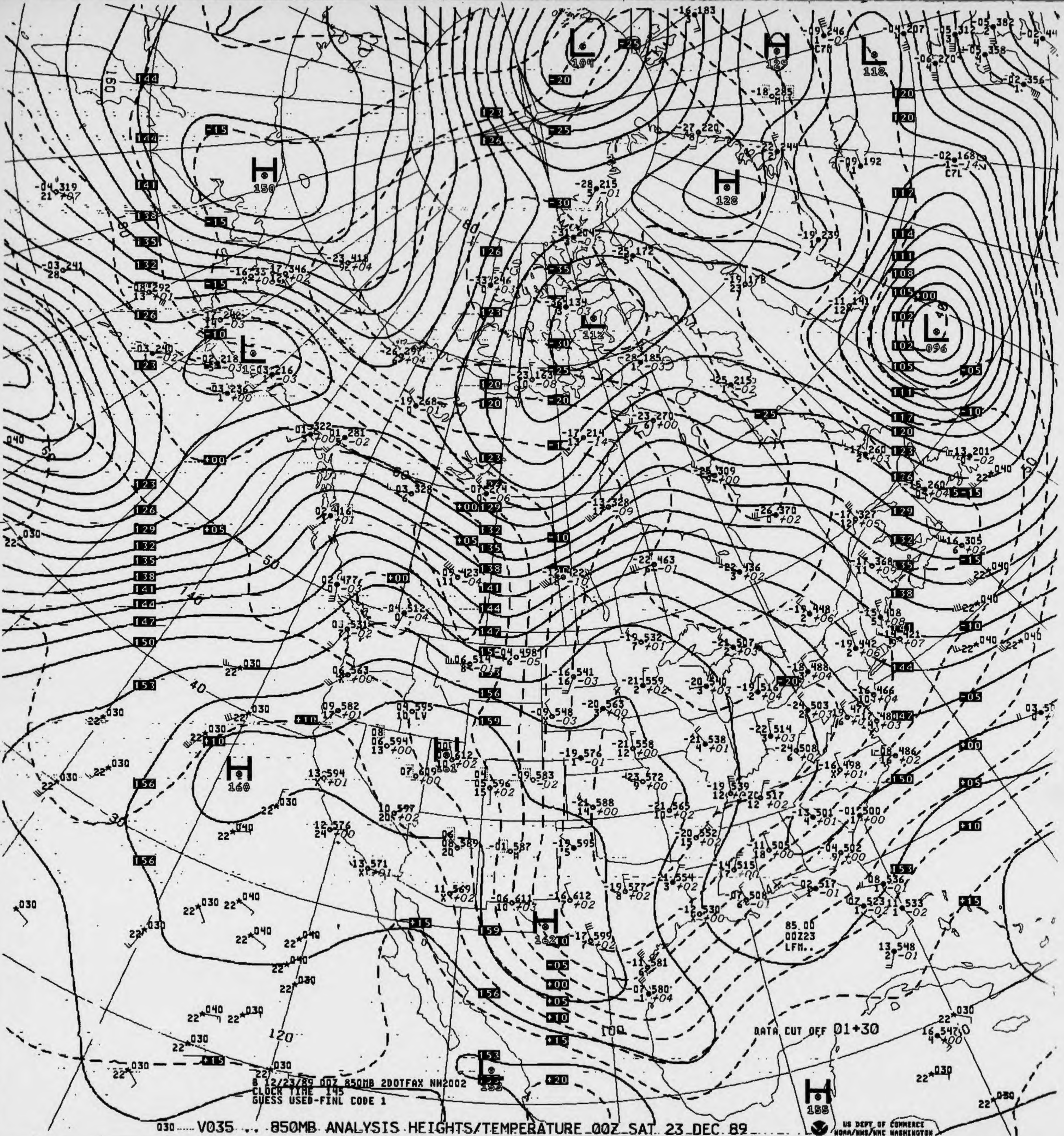
ID
LAT/LONG

72273
31N110W


H 151
H 128
H 126
L 116
L 118
L 096
H 160
H 159
L 159
H 158
H 156
85 00
12Z22
LFM..
DATA CUT OFF 01+41
B 12/22/89 12Z 850MB 200TFAX NH2002
CLOCK TIME 1400
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 22 DEC 89

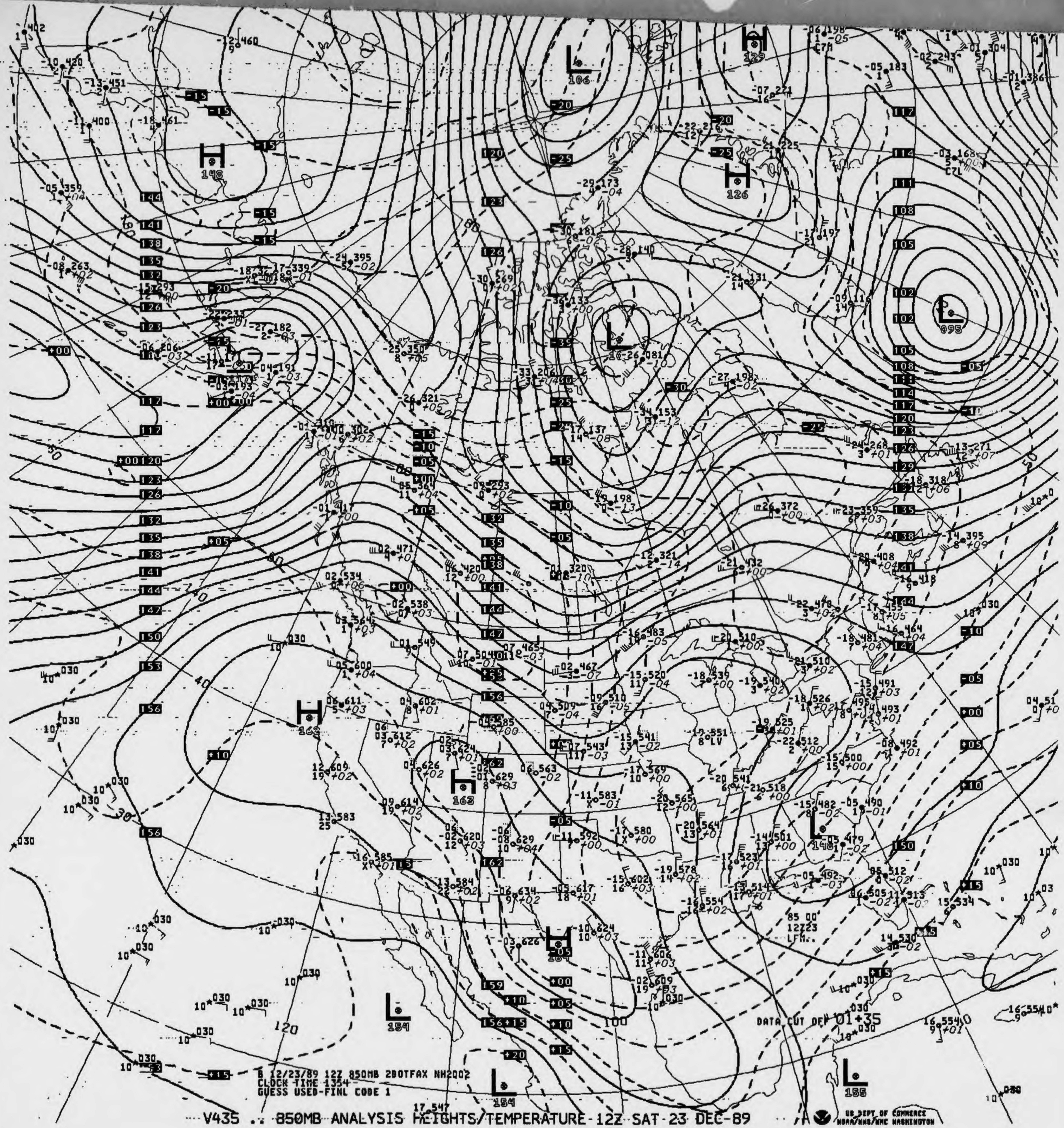
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 150
L 104
H 129
L 118
H 128
L 112
L 096
H 160
H 161
H 162
L 152
H 155
DATA CUT OFF 01+30
85.00
00Z23
LFM..

B 12/23/89 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 145
GUESS USED-FINL CODE 1

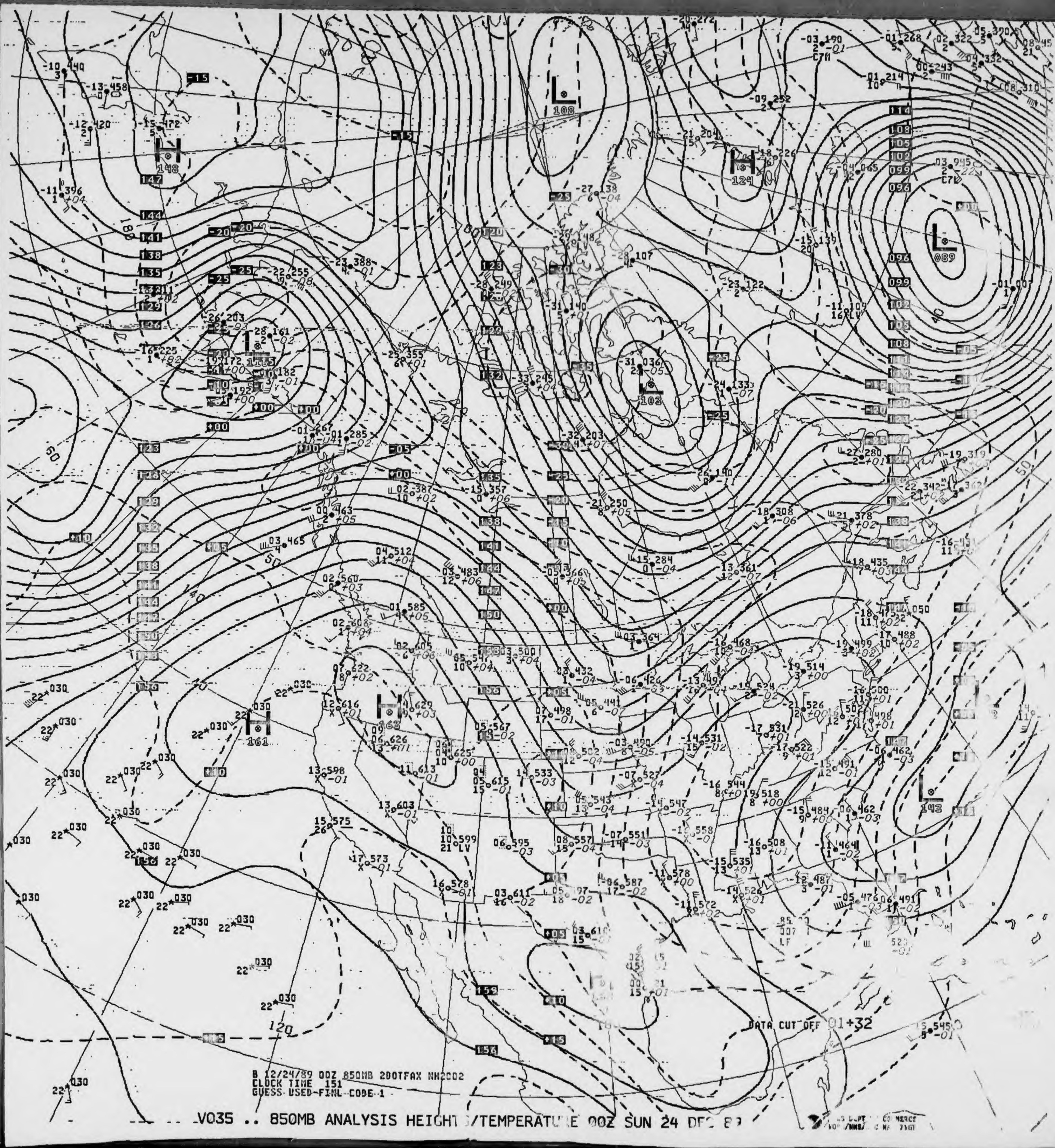
030 V035 ... 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 148
L 106
H 129
H 126
L 095
H 162
H 163
L 148
H 164
L 154
L 154
L 155
85 00
12223
LFM..
DATA CUT OFF 01+35
B 12/23/89 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1354
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 23 DEC-89

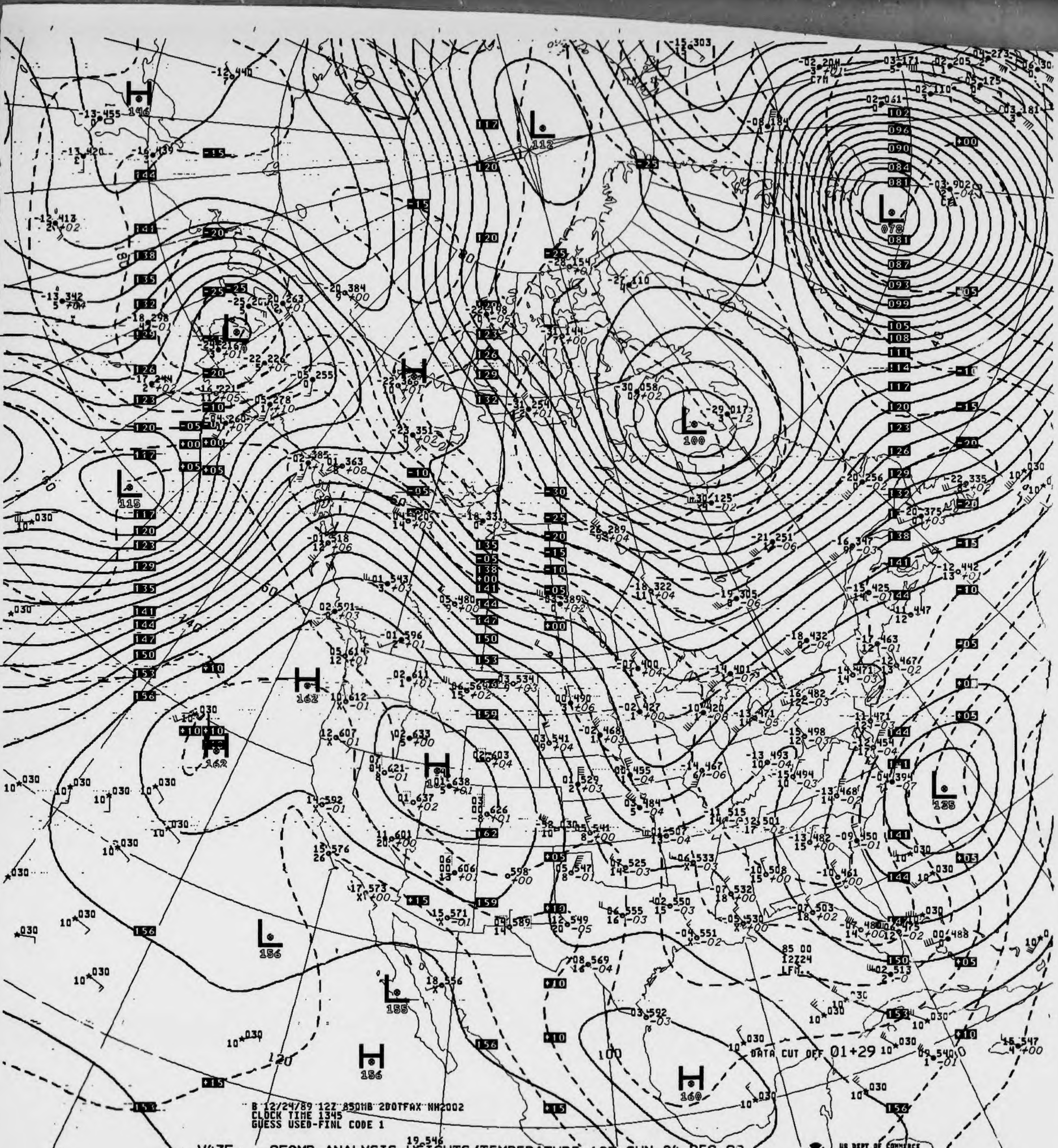
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 148
L 108
H 124
L 089
L 1165
L 103
H 161
H 163
L 148
DATA CUT OFF 01+32

B 12/24/89 00Z 850MB 2D0TFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 24 DEC 89

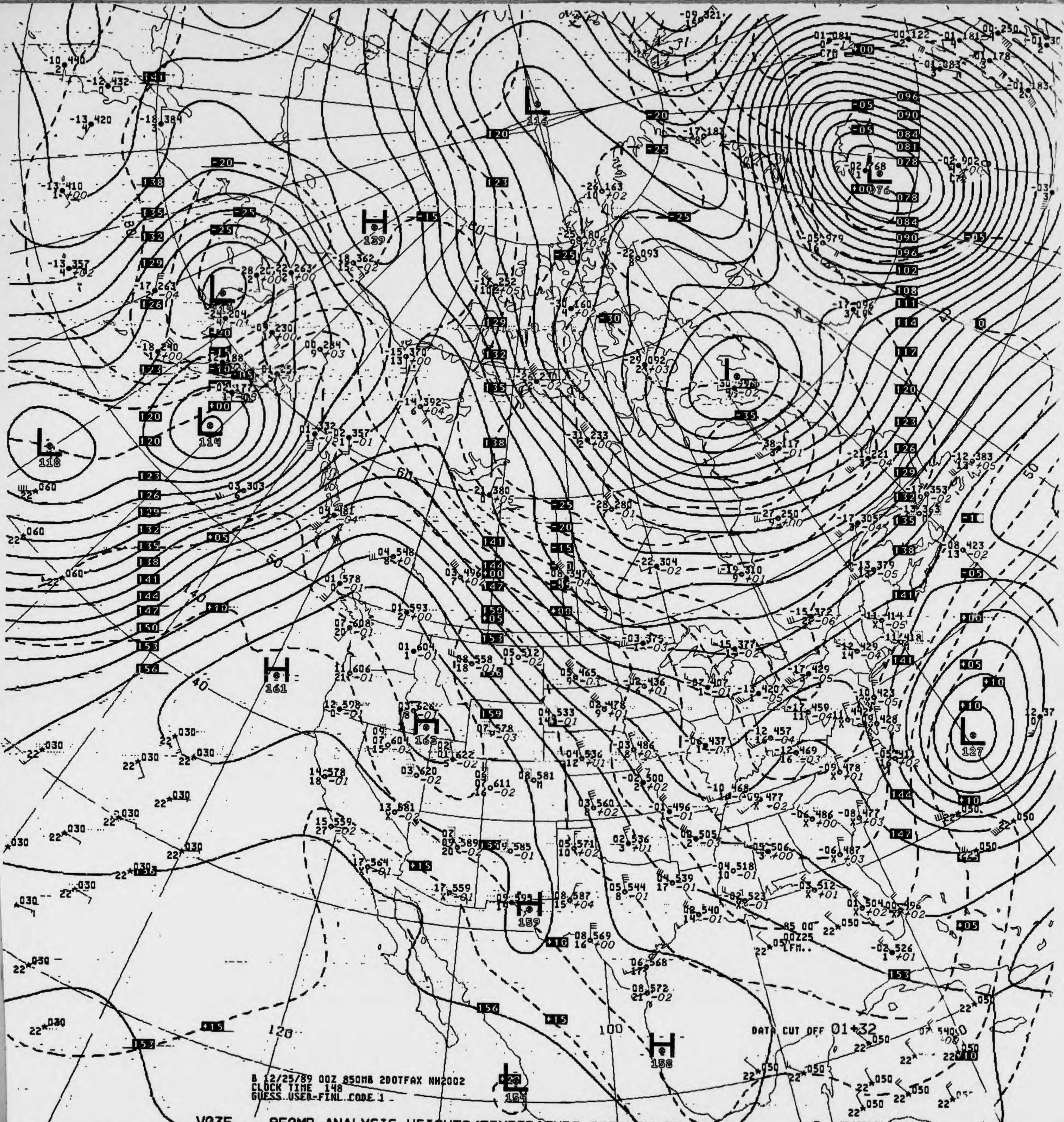
US DEPT OF COMMERCE
NOAA/NWS/NMC


DATA CUT OFF 01+29
85 00
12Z24
LFM

B 12/24/89 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1345
GUESS USED-FINL CODE 1

V435 .. 850MB-ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 24 DEC 89

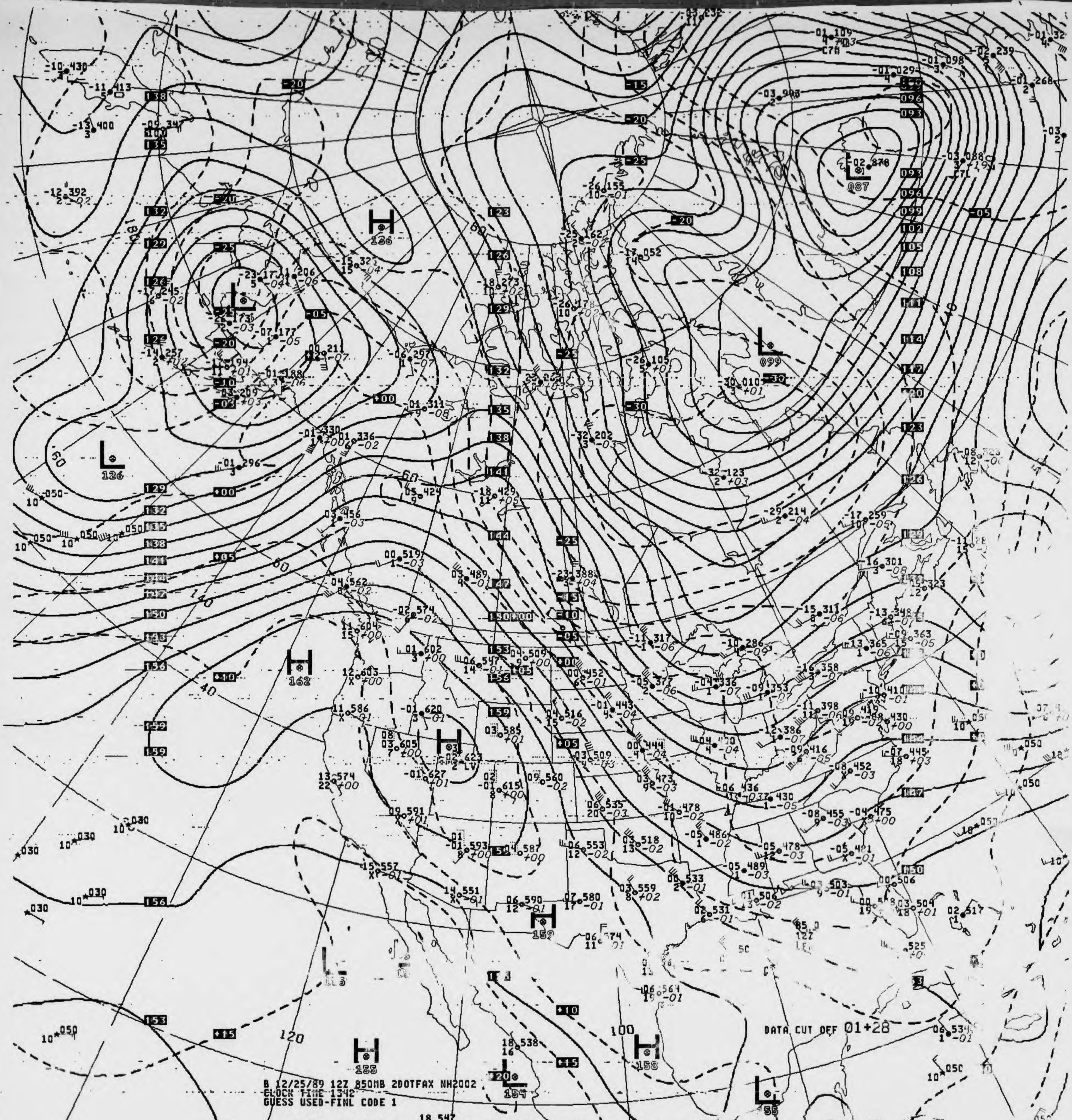
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 139
L 116
L 118
L 114
H 161
H 163
H 159
H 158
L 154
L 127
DATA CUT OFF 01+32

B 12/25/89 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 148
GUESS USED-FINL CODE 1

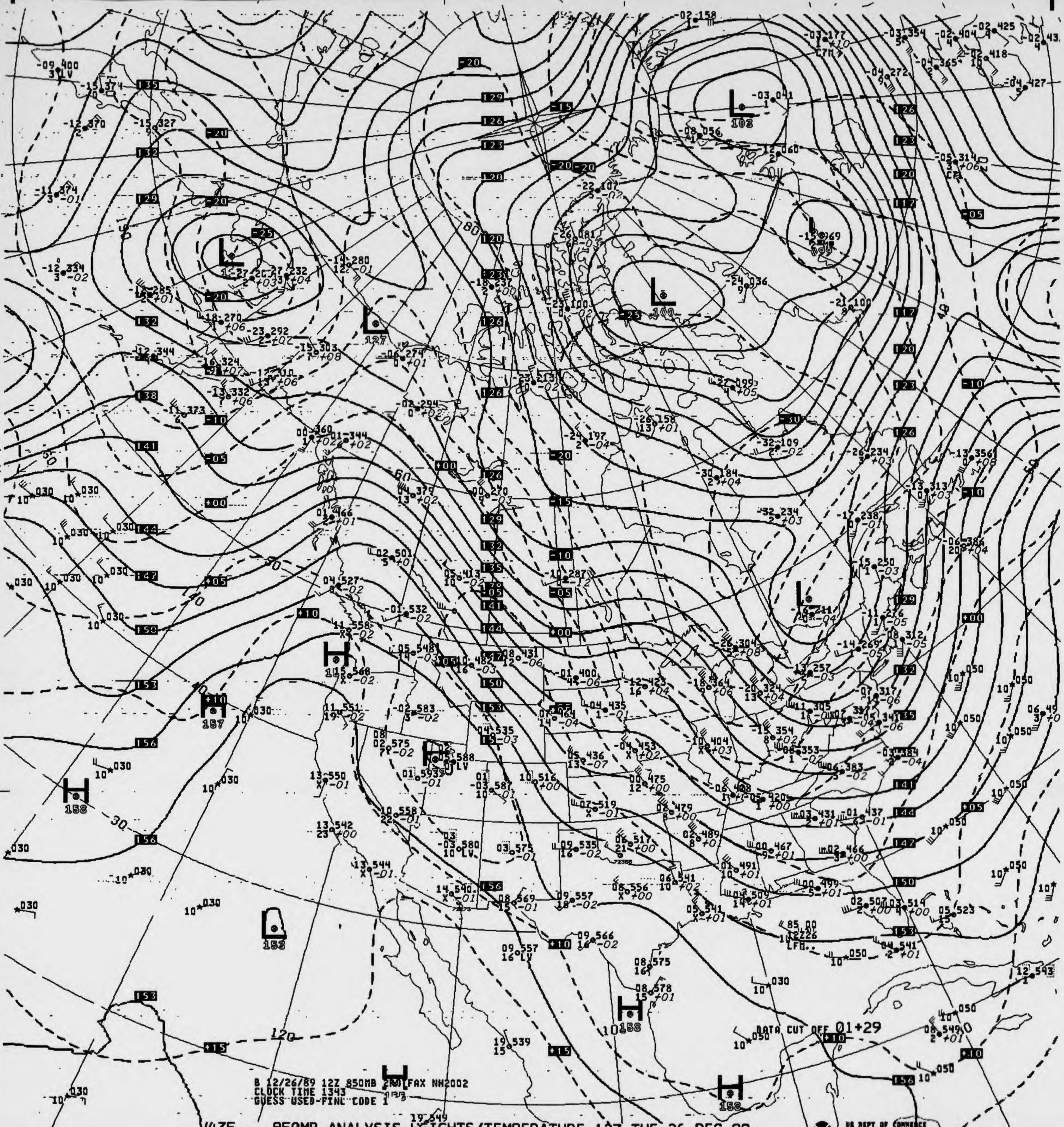
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 25 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHDC



H 186
H 162
H 155
H 158
H 159
L 126
L 099
L 087
L 154
L 155
DATA CUT OFF 01+28
B 12/25/89 12Z 850MB 200TFAX NH2002
BLOCK TIME 1342
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MO 25 DE 8

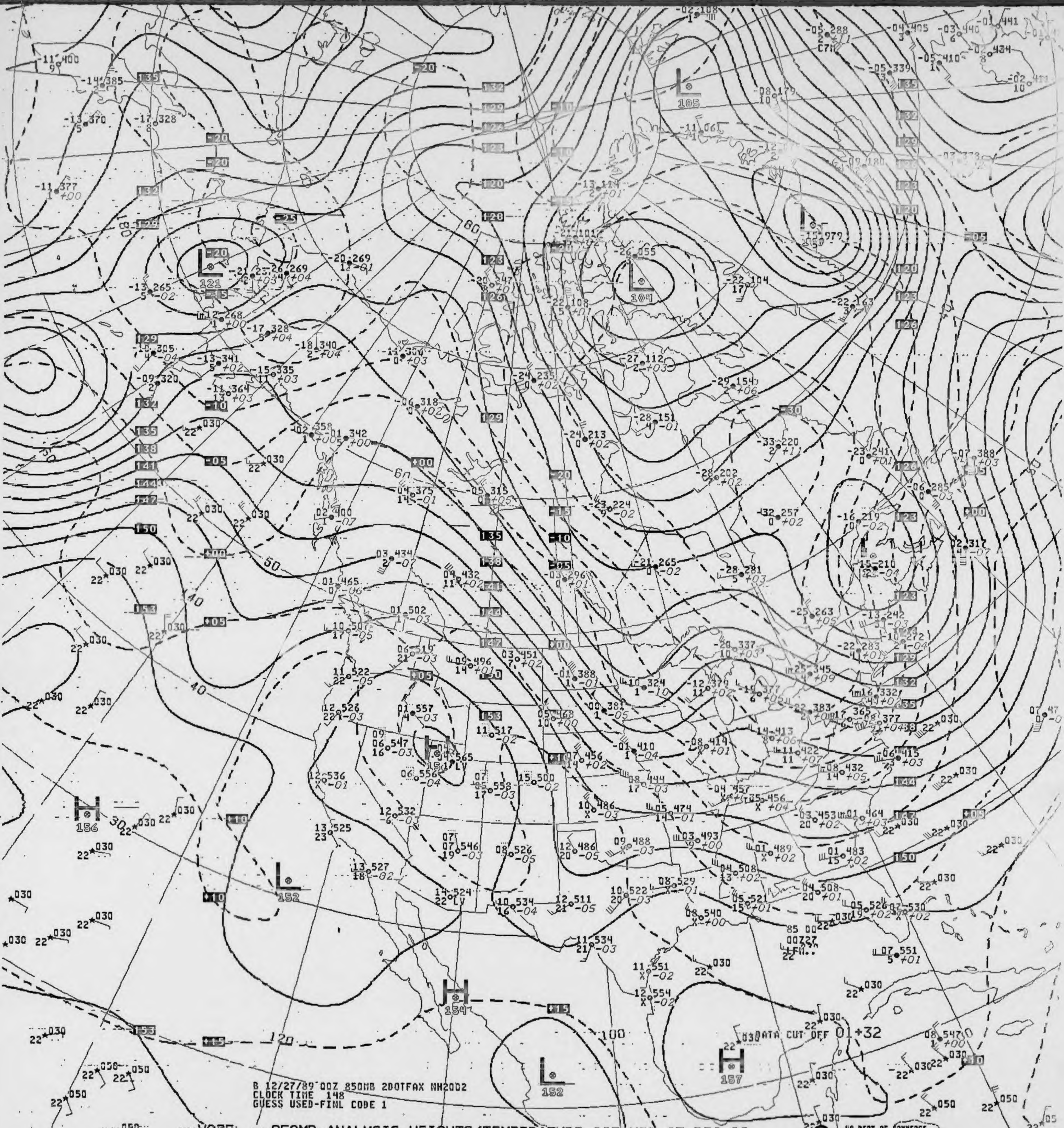


B 12/26/89 12Z 850MB 2KM FAX NH2002
CLOCK TIME 1343
GUESS USED-FINL CODE 1

DATA CUT OFF 01+29

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 26 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 121
L 105
L 109
H 156
L 152
H 154
L 152
H 157
DATA CUT OFF 01+32

B 12/27/89 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 148
GUESS USED-FINL CODE 1

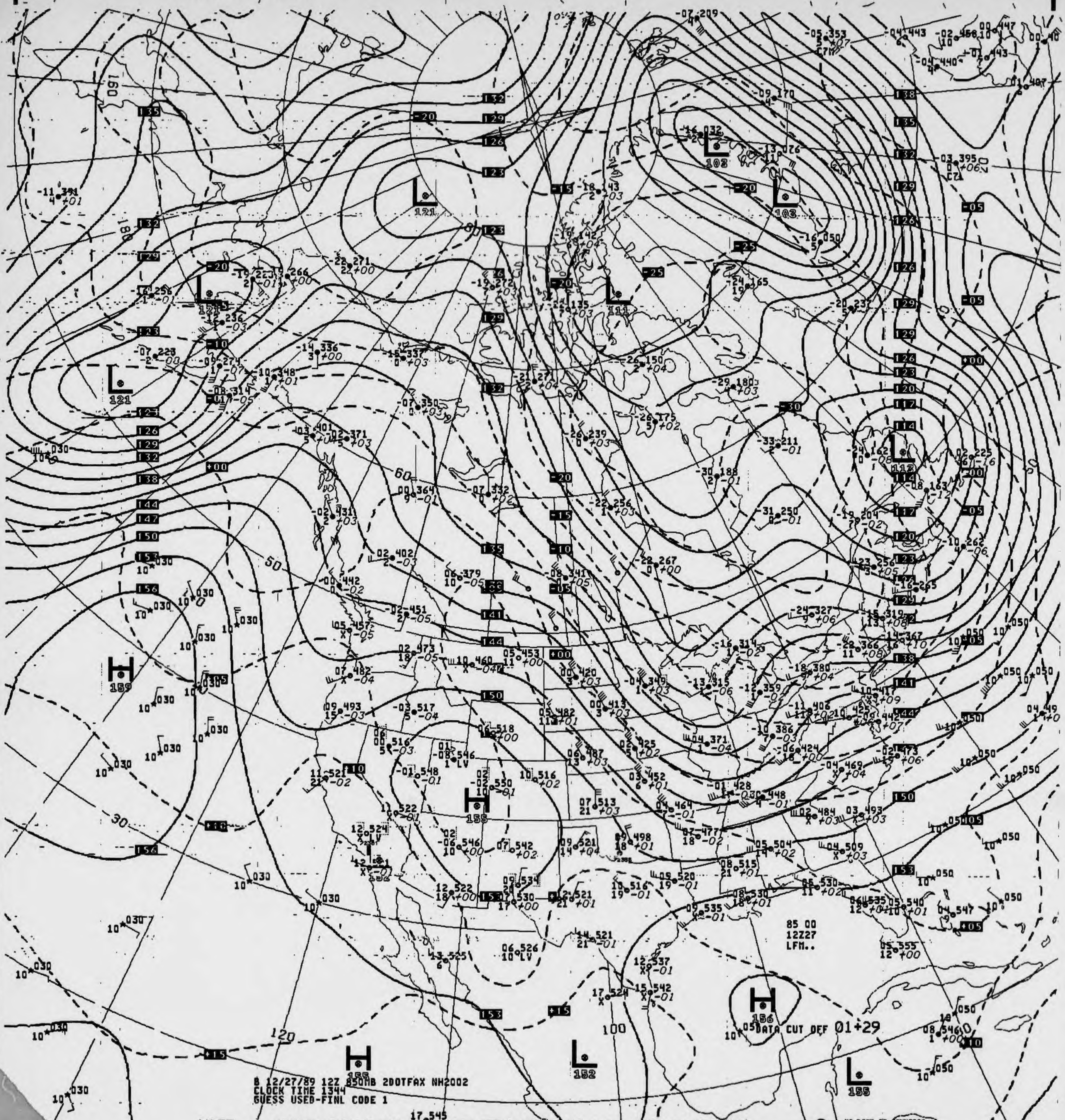
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 27 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

850MB

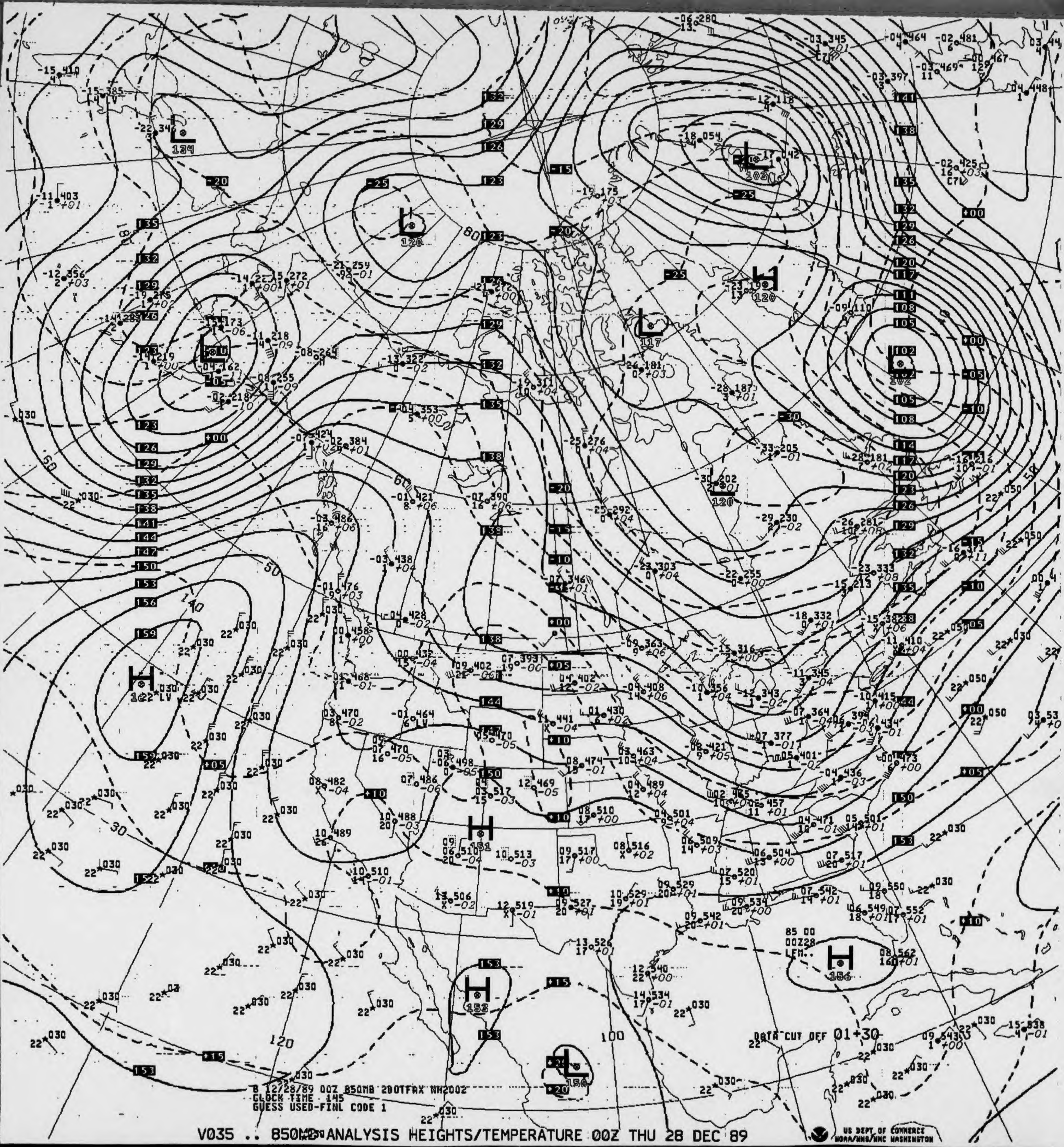
10 518
18

ID 72355
LAT/LONG 34N098W


H 159
H 155
H 156
L 121
L 121
L 103
L 103
L 111
L 113
L 152
L 155
85 00
12Z27
LFM..
DATA CUT OFF 01+29
8 12/27/89 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1344
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 27 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 134
L 120
L 103
L 110
L 117
H 120
L 120
L 102
H 122 LV
H 151
H 152
H 156
L 156
85 00
00Z28
LFM.
DATA CUT OFF 01+30

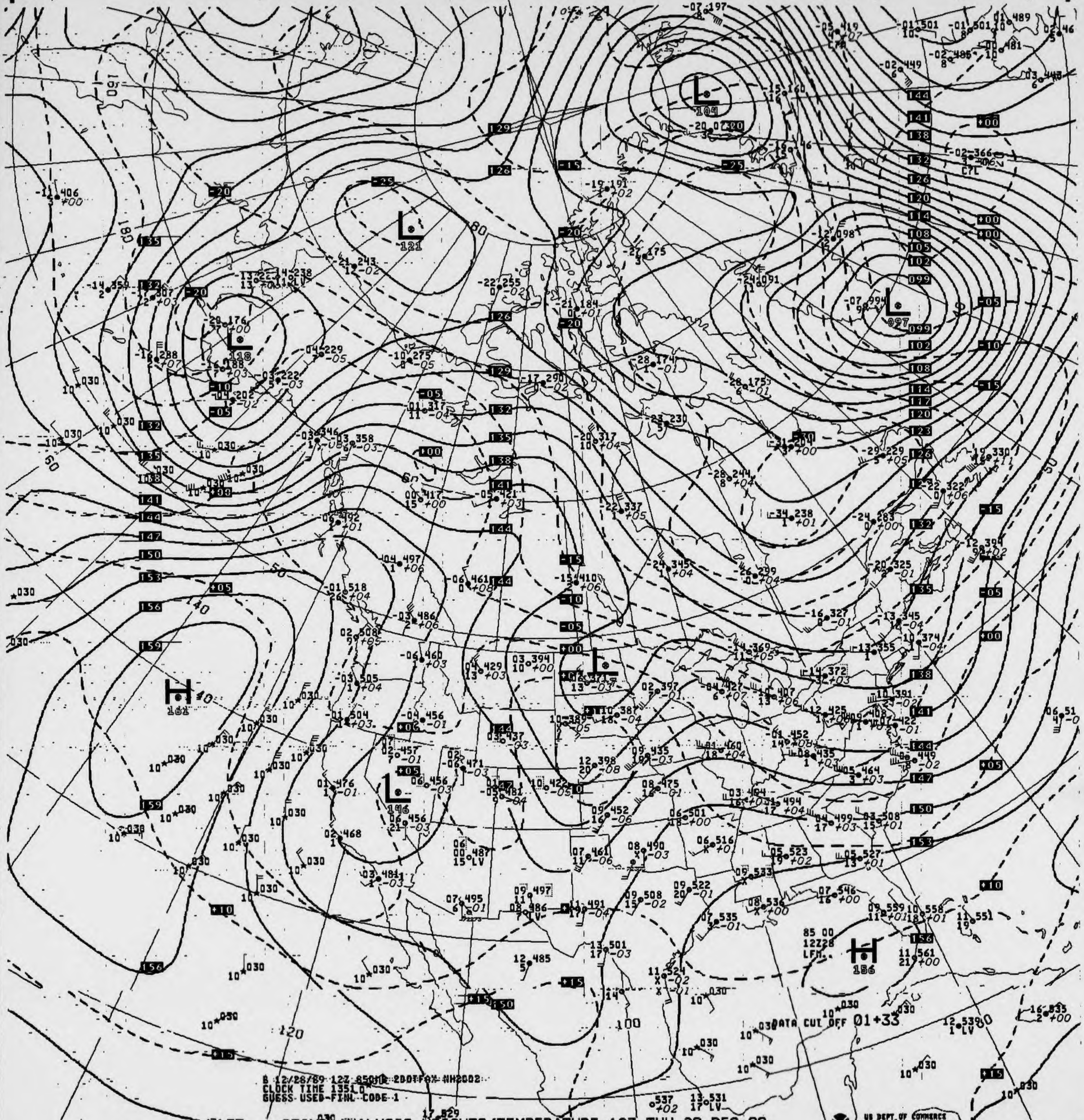
B 12/28/89 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 145
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

850MB

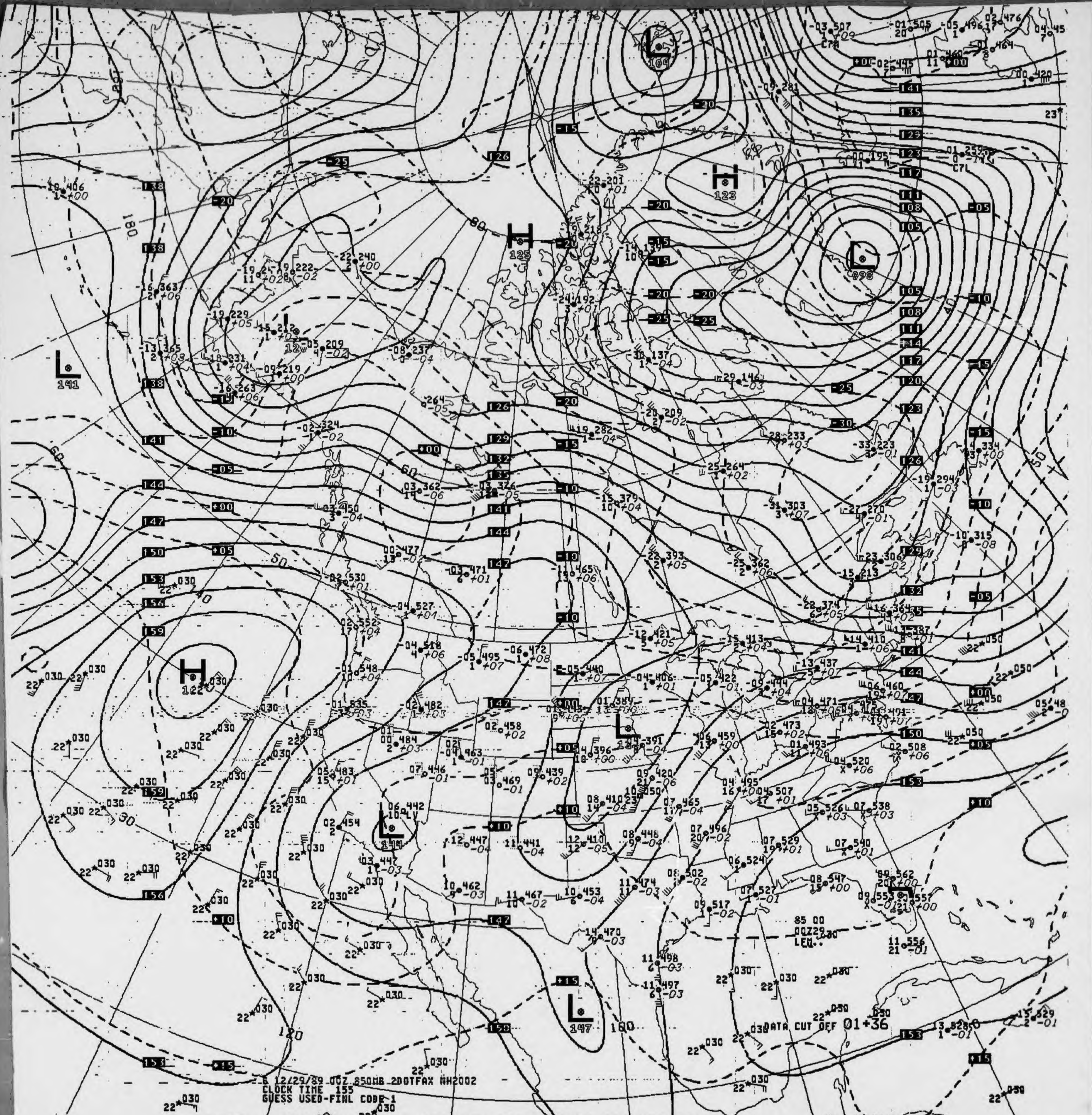
ID LAT/LONG	07 496 17	06 491 4
	72355 34N098W	72273 31N110W


L
104
L
121
L
118
L
097
L
146
H
161
H
156
DATA CUT OFF 01+33
85 00
12Z28
LFM.
80
60
50
140
120
100
180
160

B 12/28/89 12Z 850MB 2D0TF8X NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1

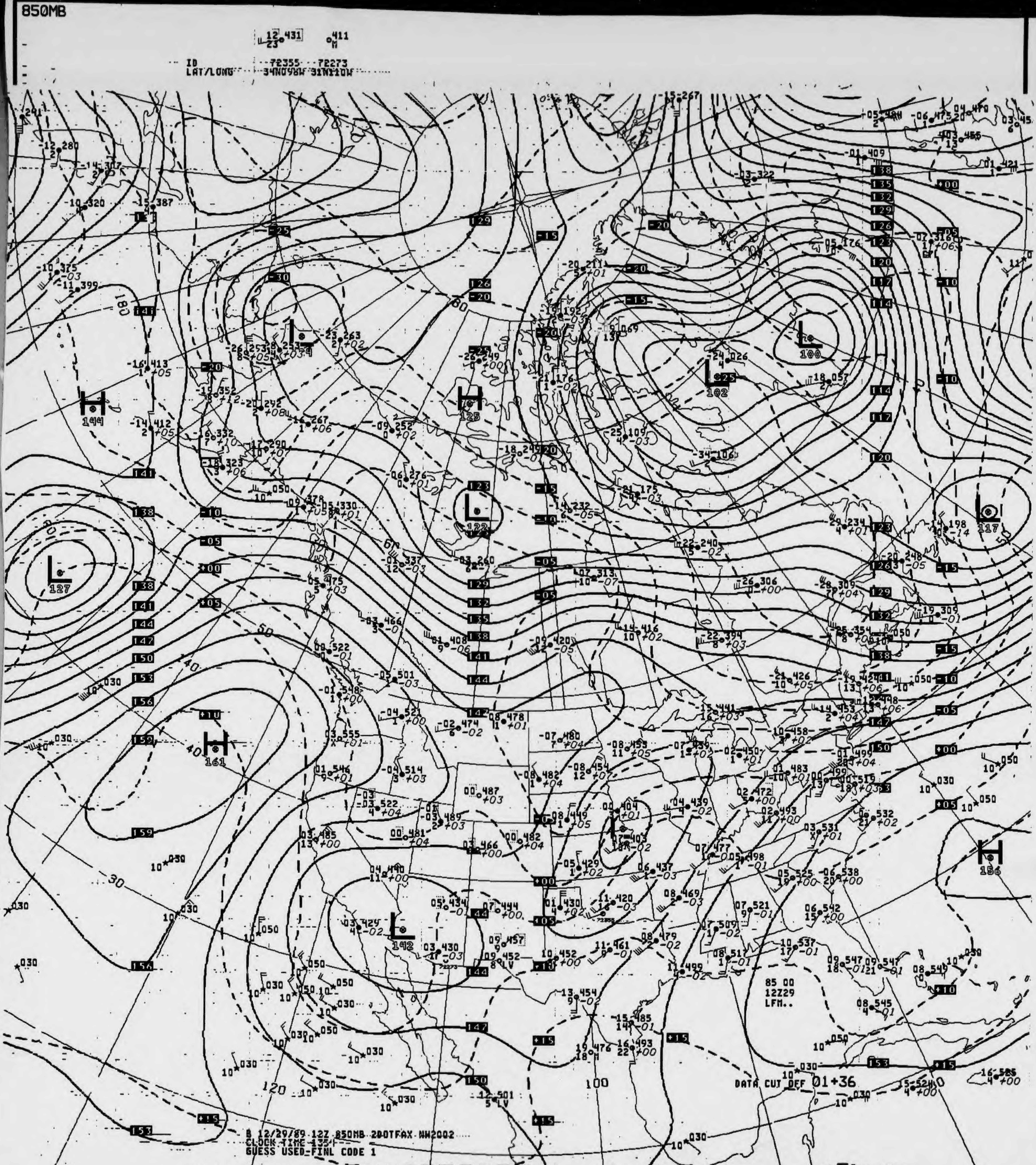
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

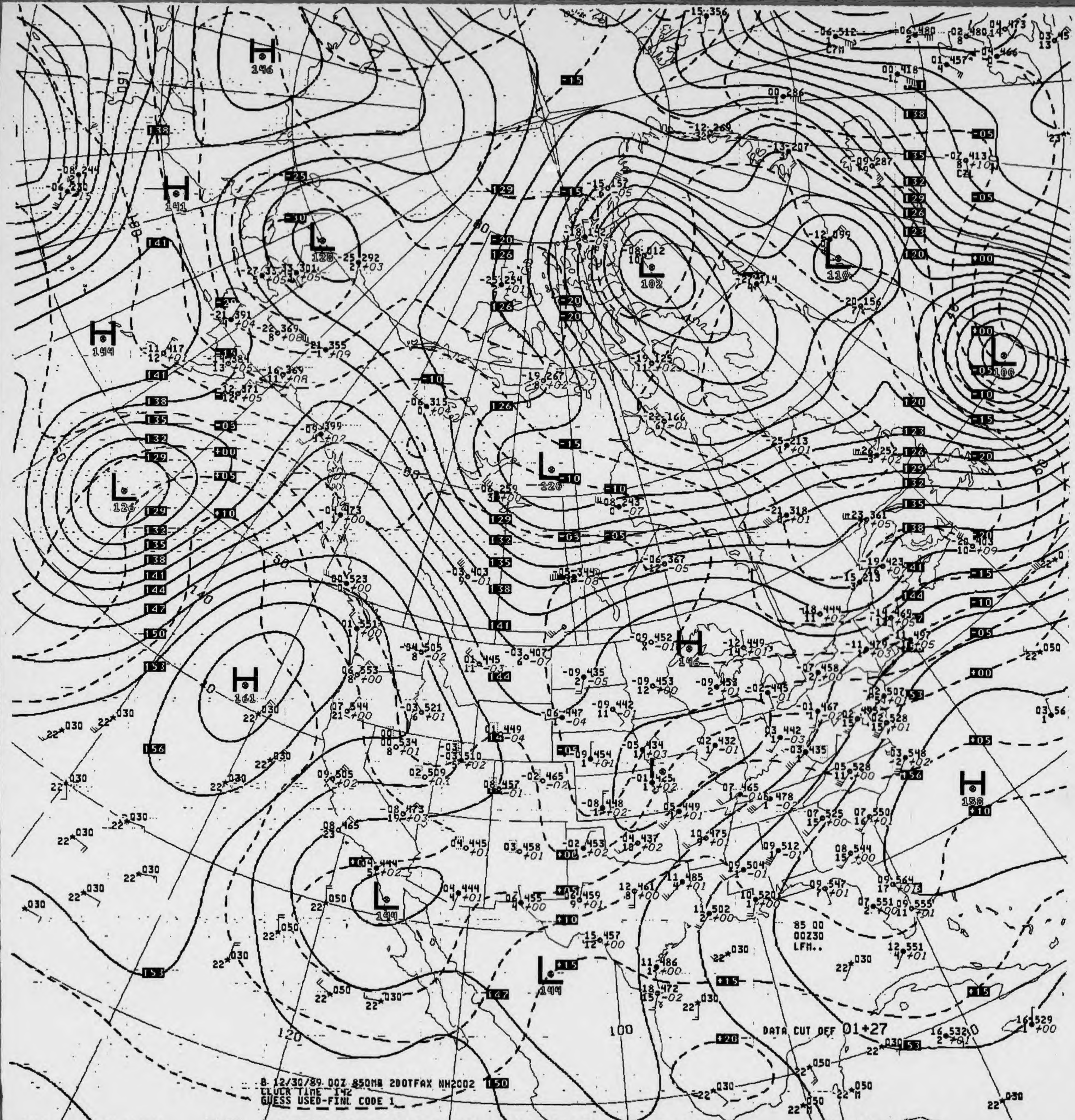

L 104
H 123
L 098
H 125
L 141
H 122
L 139
L 144
L 147
85 00
00Z29
LFM..
DATA CUT OFF 01+36
6 12/29/89 00Z 850MB 200TFAX NH2002
CLOCK TIME 155
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

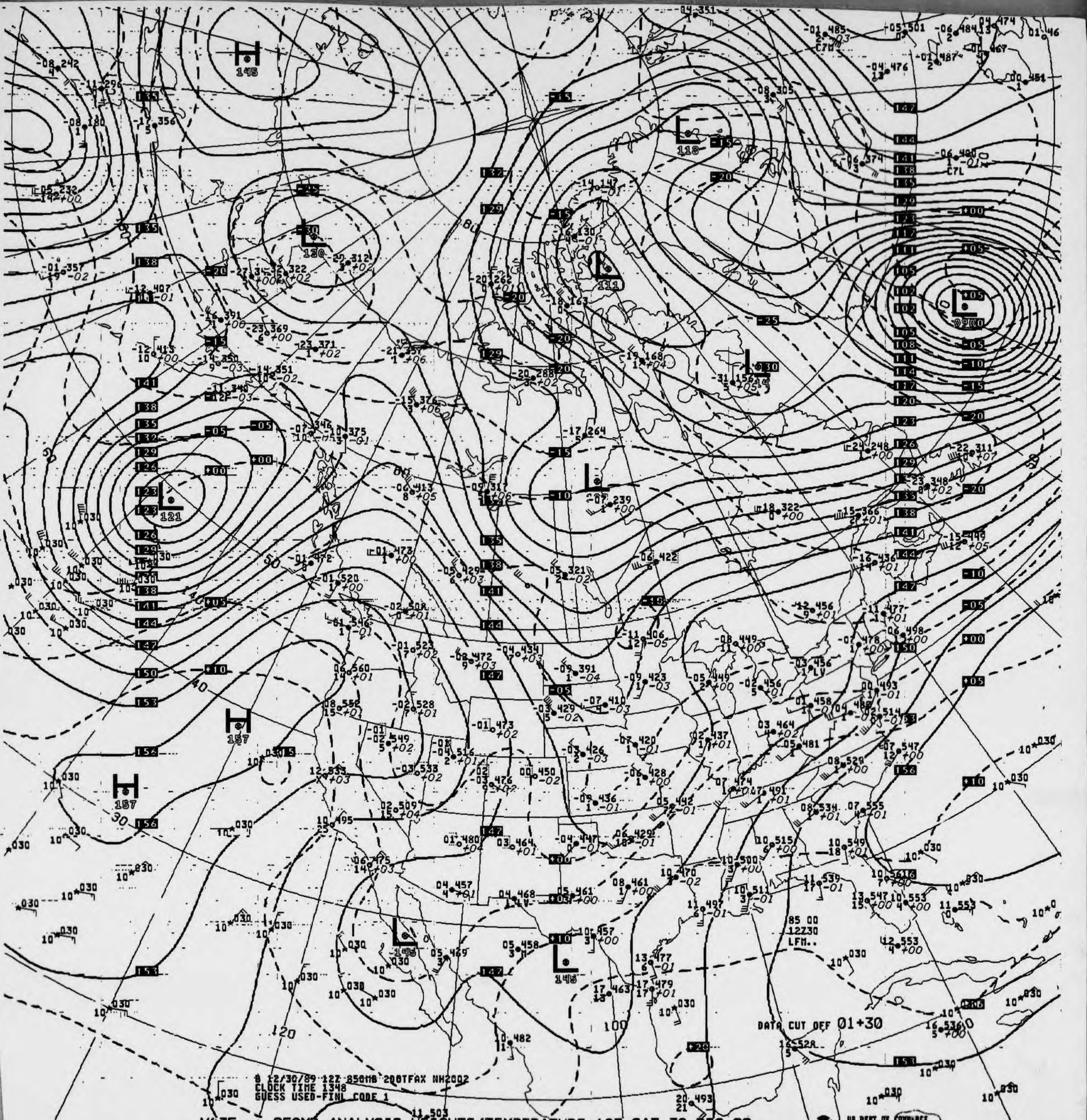

850MB
12 431
23
411
M
ID 72355 72273
LAT/LONG 34N098W 31N110W
144
127
161
125
122
102
100
117
156
142
85 00
12Z29
LFM..
DATA CUT OFF 01+36
B 12/29/89 12Z 850MB 200TFAX NW2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 29 DEC 89


H 146
H 141
H 144
L 128
L 126
H 161
L 144
L 120
L 102
L 110
L 100
H 146
H 158
L 144
8 12/30/89 00Z 850MB 200TFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1
DATA CUT OFF 01+27
85 00
00Z30
LFM..

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


@ 12/30/89 12Z 850MB 200TFAX NH2002
CLOCK TIME 1348
GUESS USED-FNL CODE 1
DATA CUT OFF 01+30
85 00
12Z30
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H
145
H
157
H
157
L
118
L
130
L
111
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121
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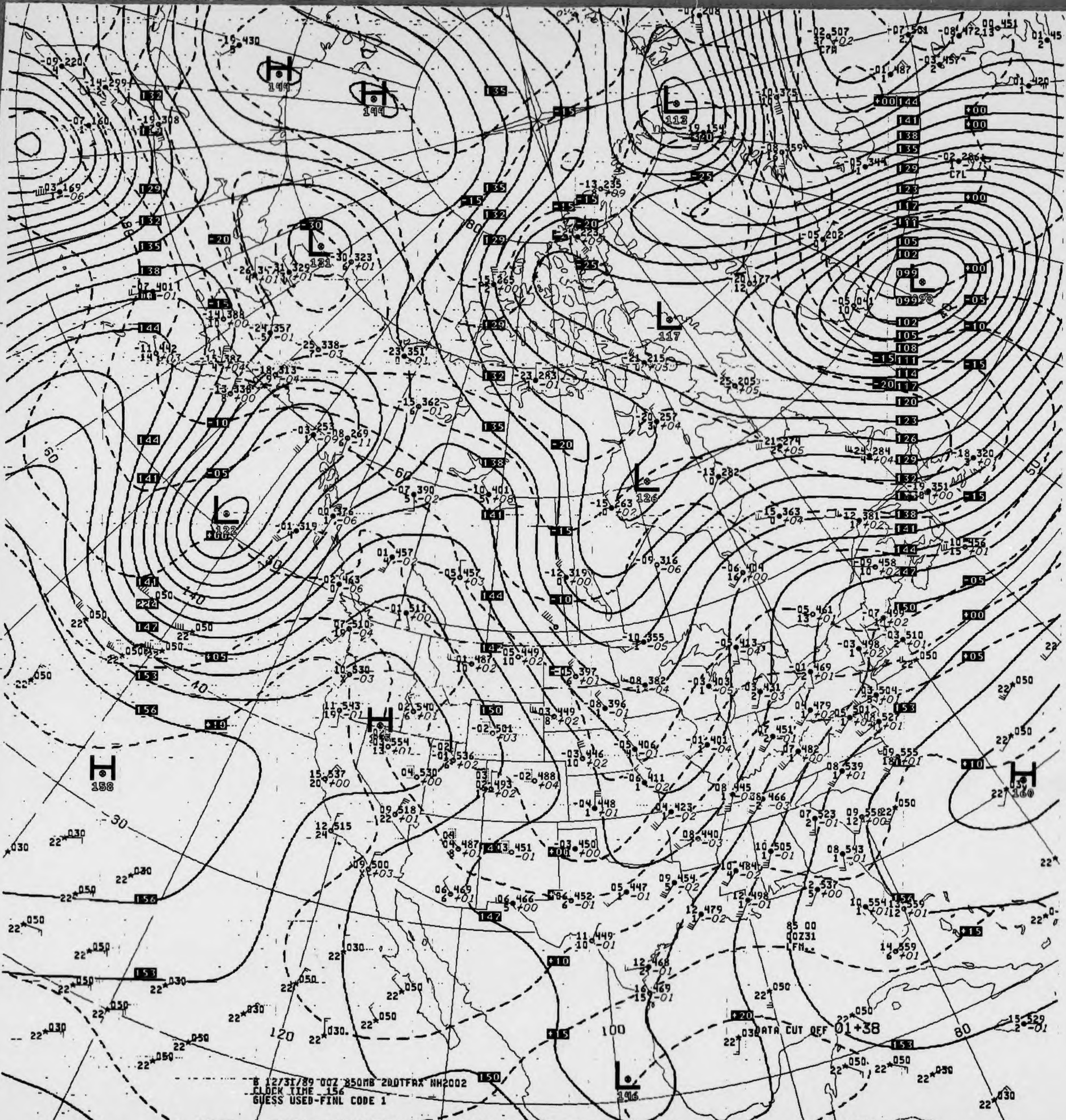
145
L
145

V435 ... 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 30 DEC 89



B 12/31/89 00Z 850MB 200TFAX NH2002
CLOCK TIME 156
GUESS USED-FINL CODE 1
DATA CUT OFF 01+38
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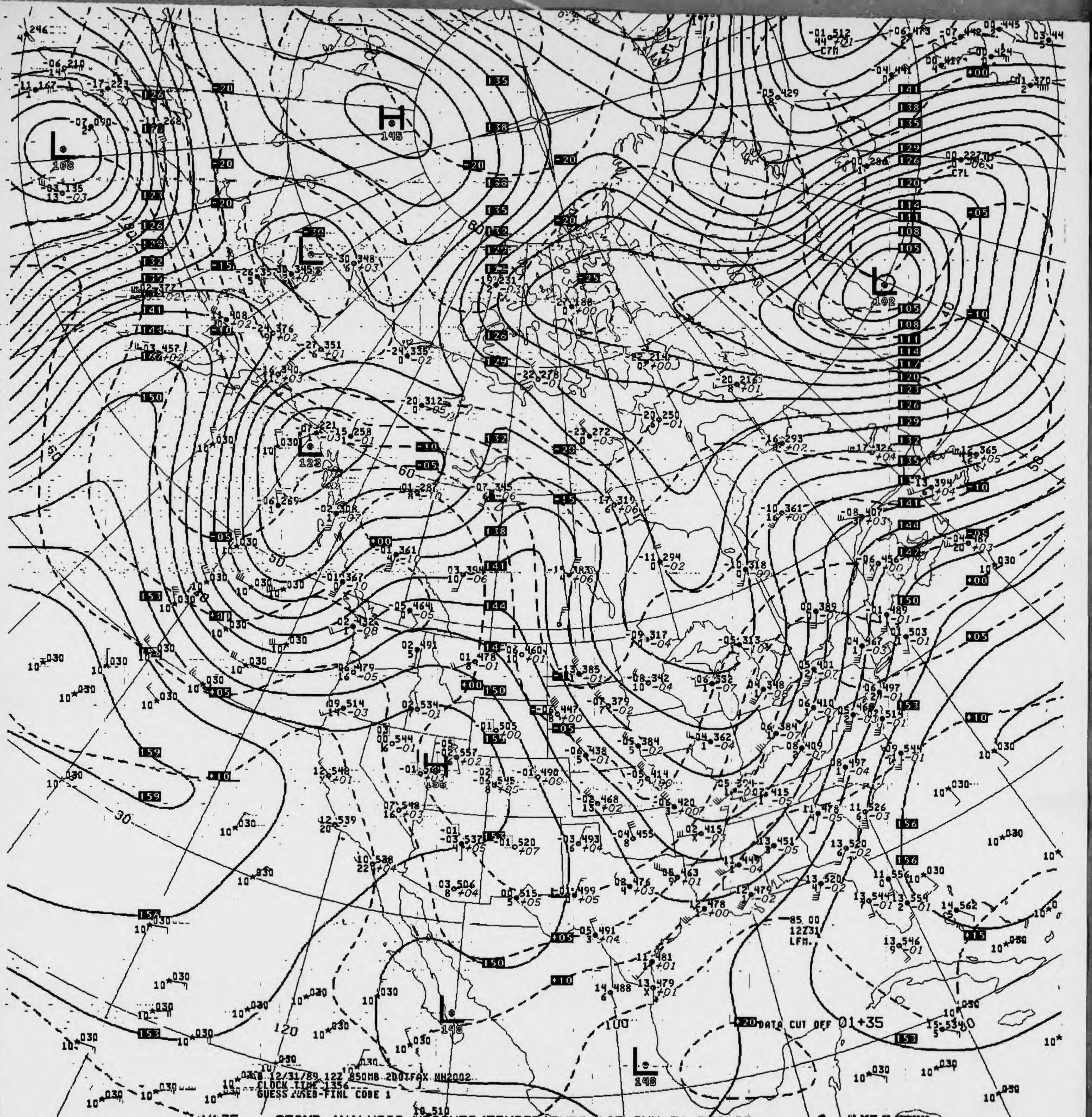
00Z31
LFM..

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 31 DEC 89

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON


H
145
L
108
L
102
L
123
L
148
DATA CUT OFF 01+35
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12Z31
LFM.
12/31/89 12Z 850MB 2D0TFAX NH2002
CLOCK TIME 1356
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 31 DEC 89

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON

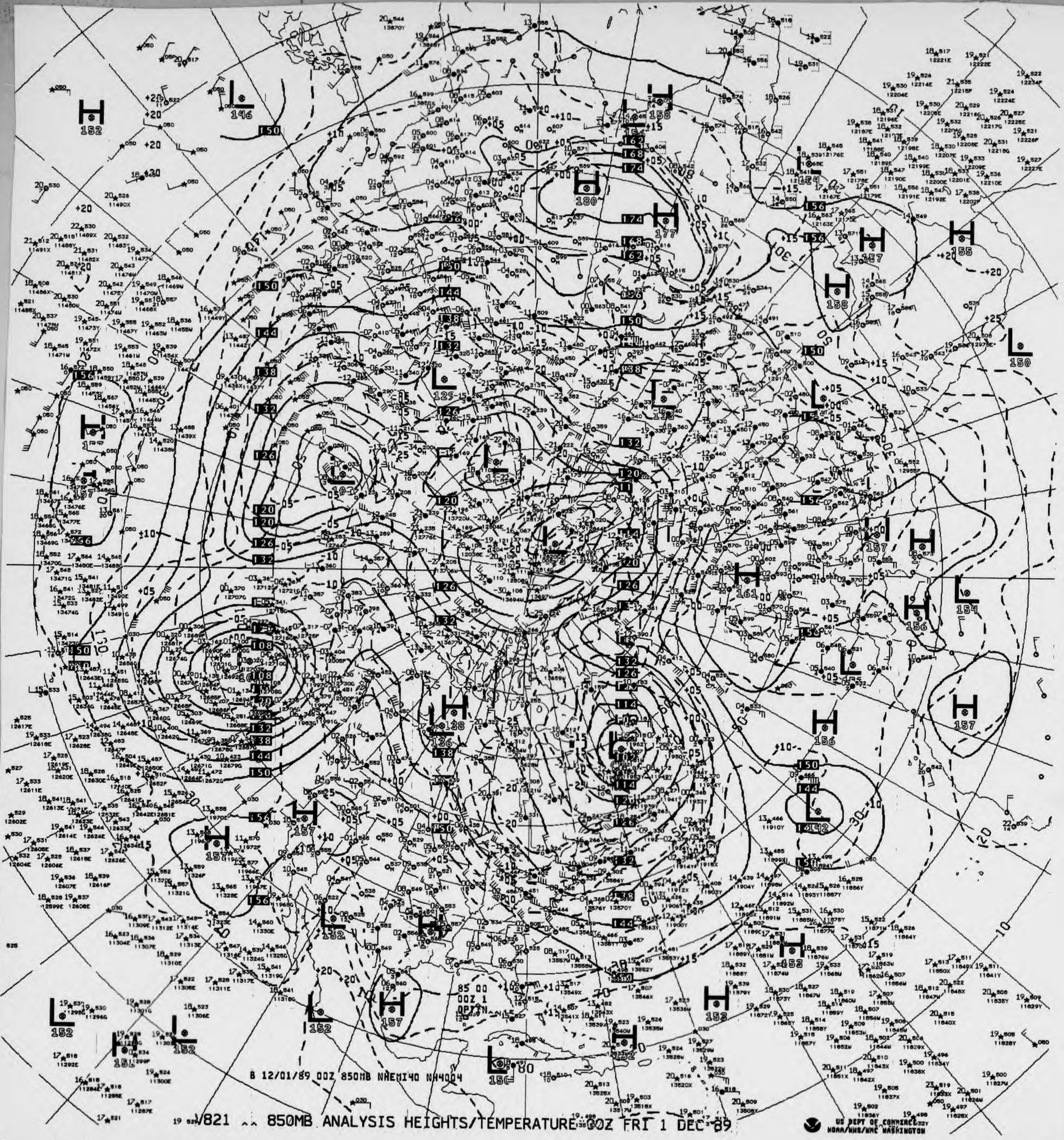
OAA Form 48 - 360B
ev. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

850 MB CONSTANT PRESSURE CHARTS

NORTHERN HEMISPHERE NWP

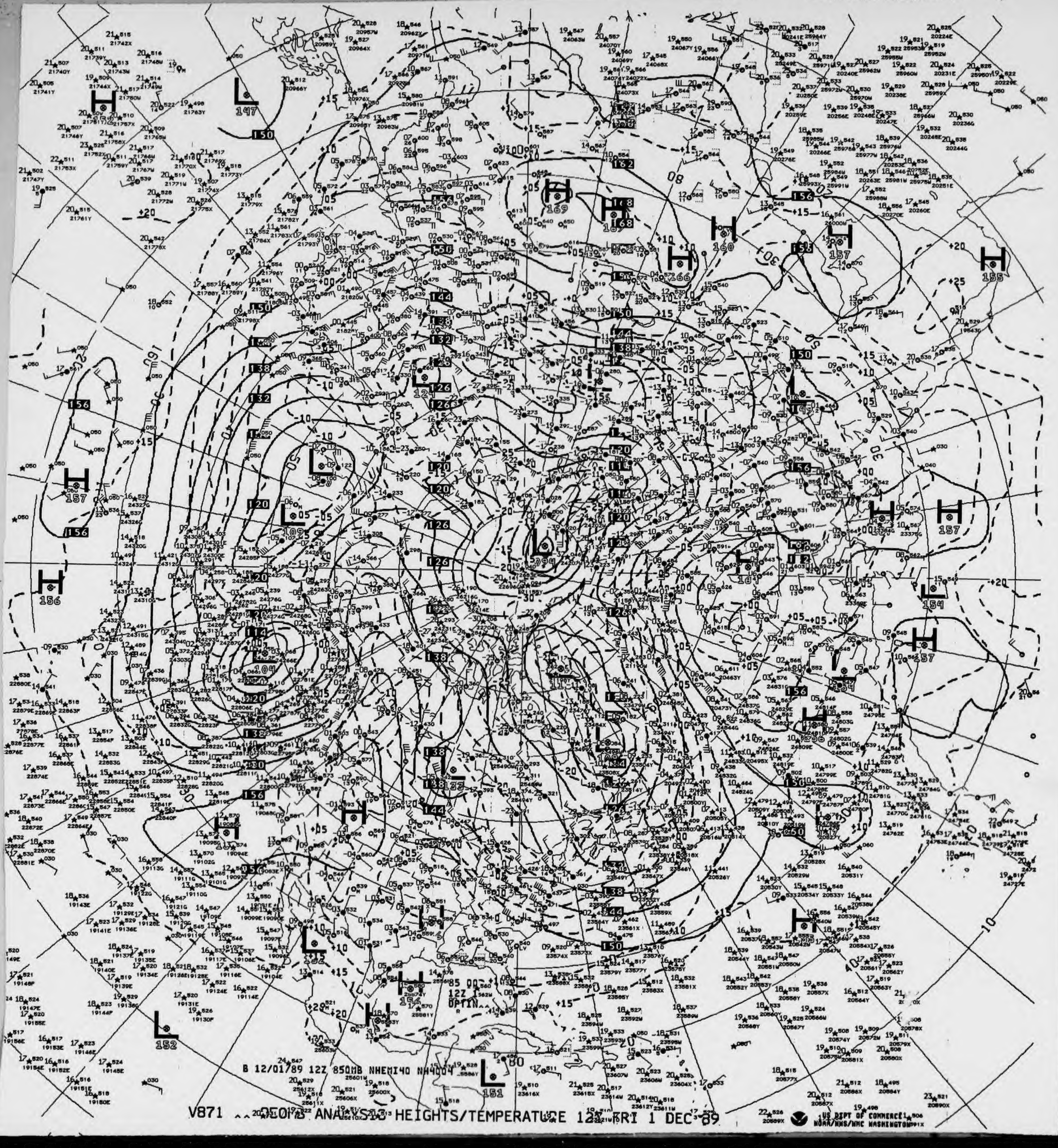
ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING



B 12/01/89 00Z 850MB NHEMI40 NH4004

1821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 1 DEC 89

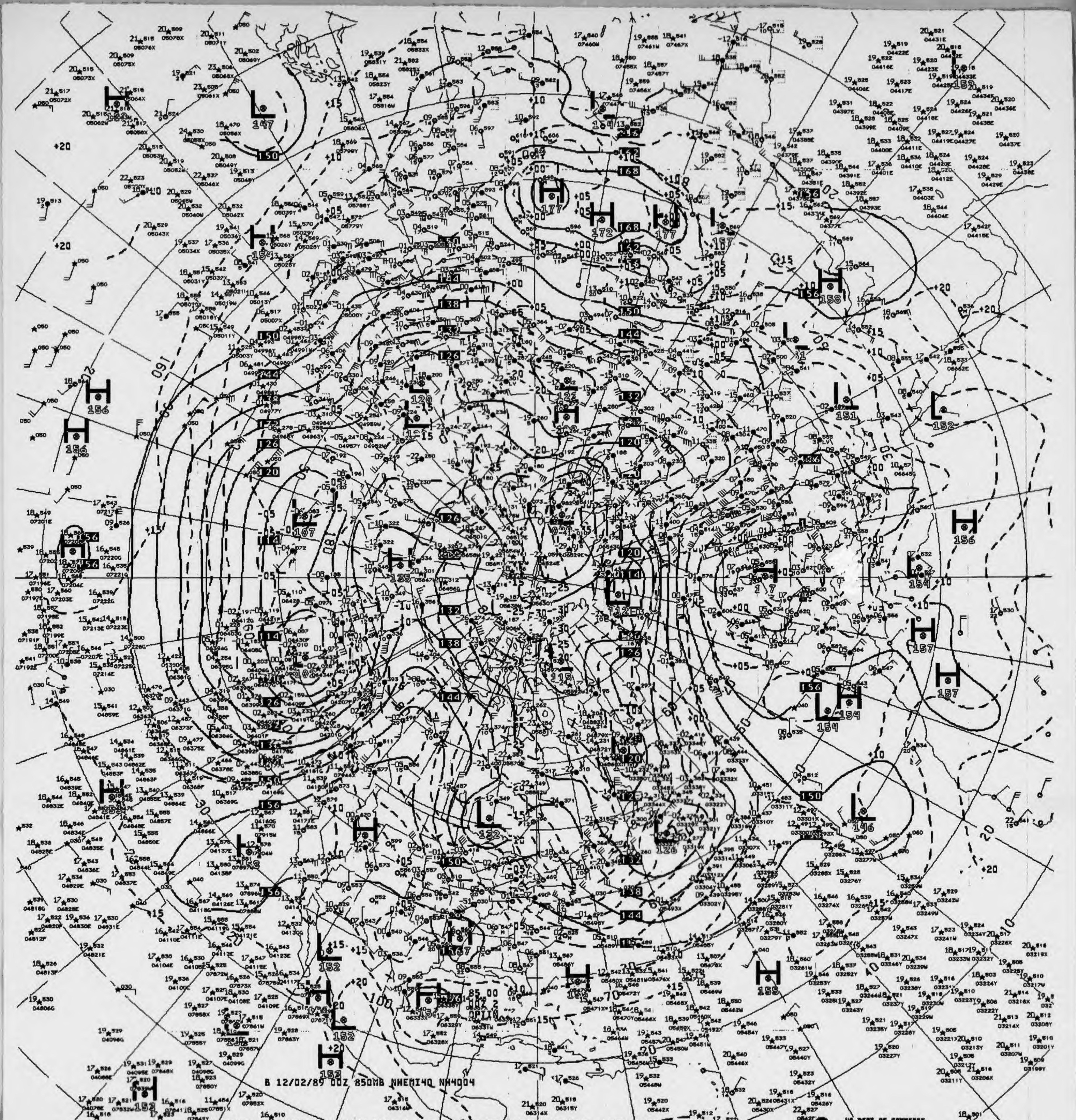
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/01/89 12Z 850MB NHEMI40 NH4004

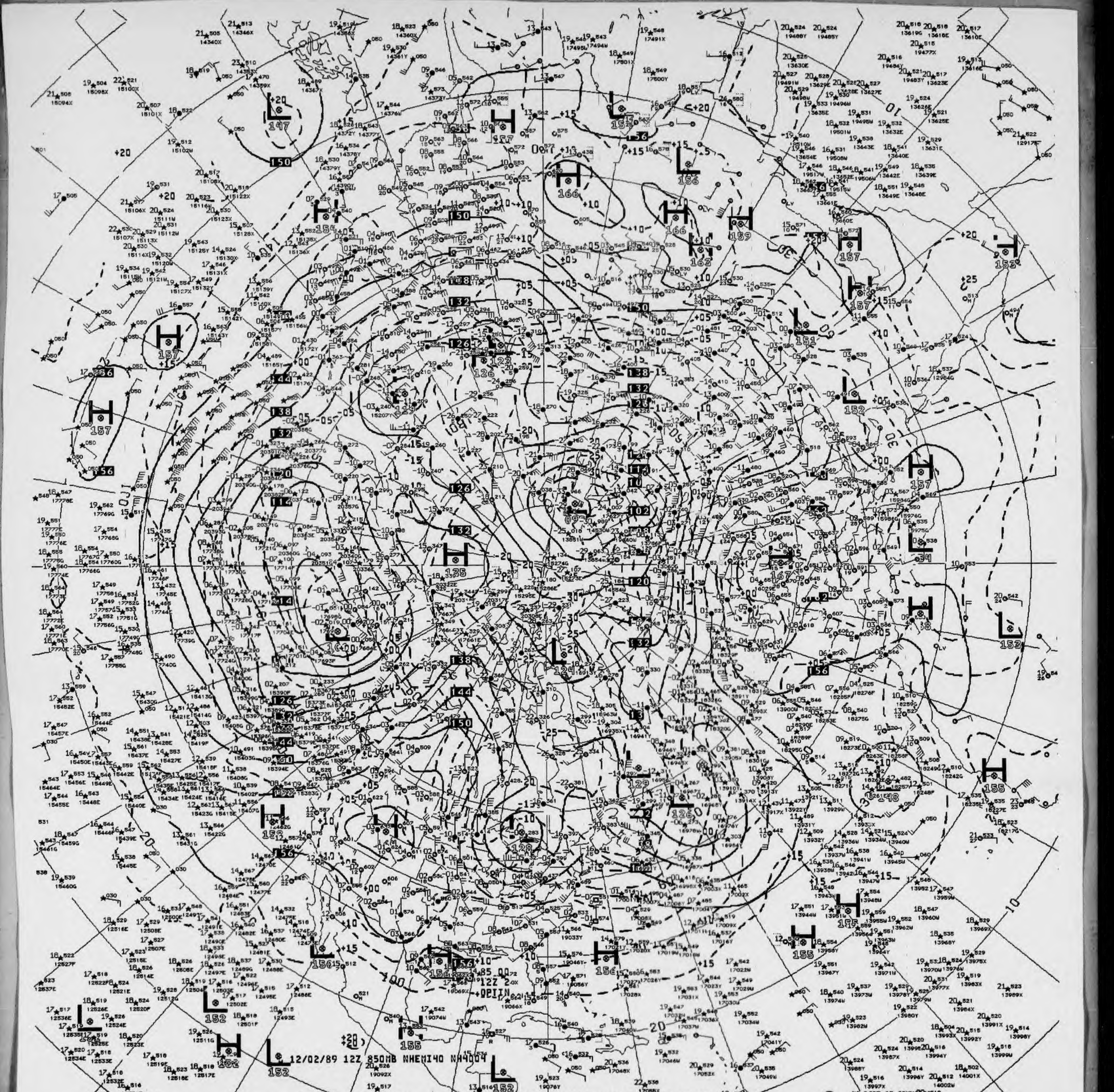
V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 1 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/02/89 00Z 850MB NHEMI40 NH4004

V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 2 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


12/02/89 12Z 850MB NHEMI40 NA4004
H
L
147
150
157
166
159
162
156
151
152
154
153
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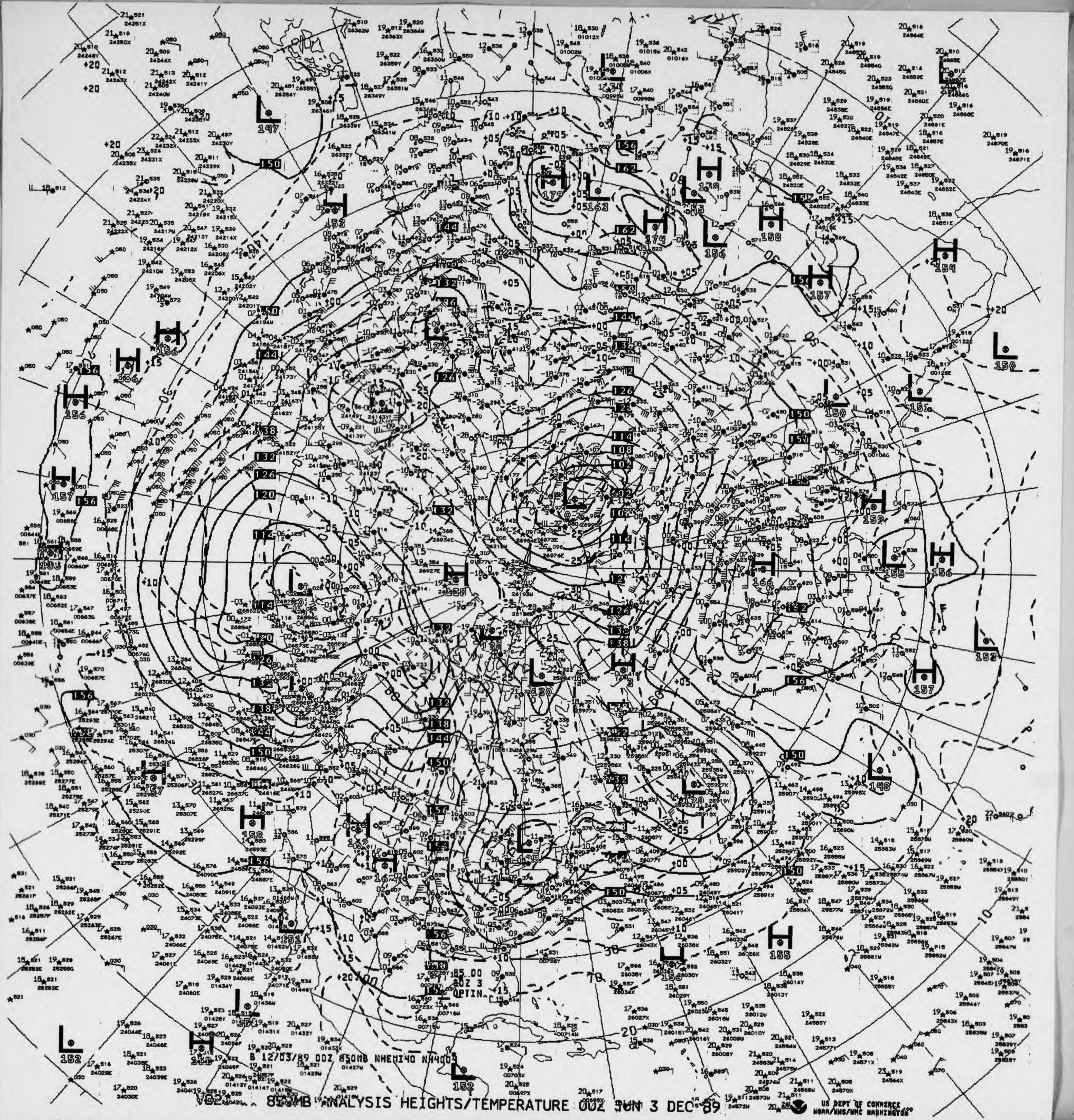
138
132
126
123
120
114
108
102
104
124
128
129
155
152
+20
+15
+10
+05
+00
-05
-10
-15
-20
-25
-30

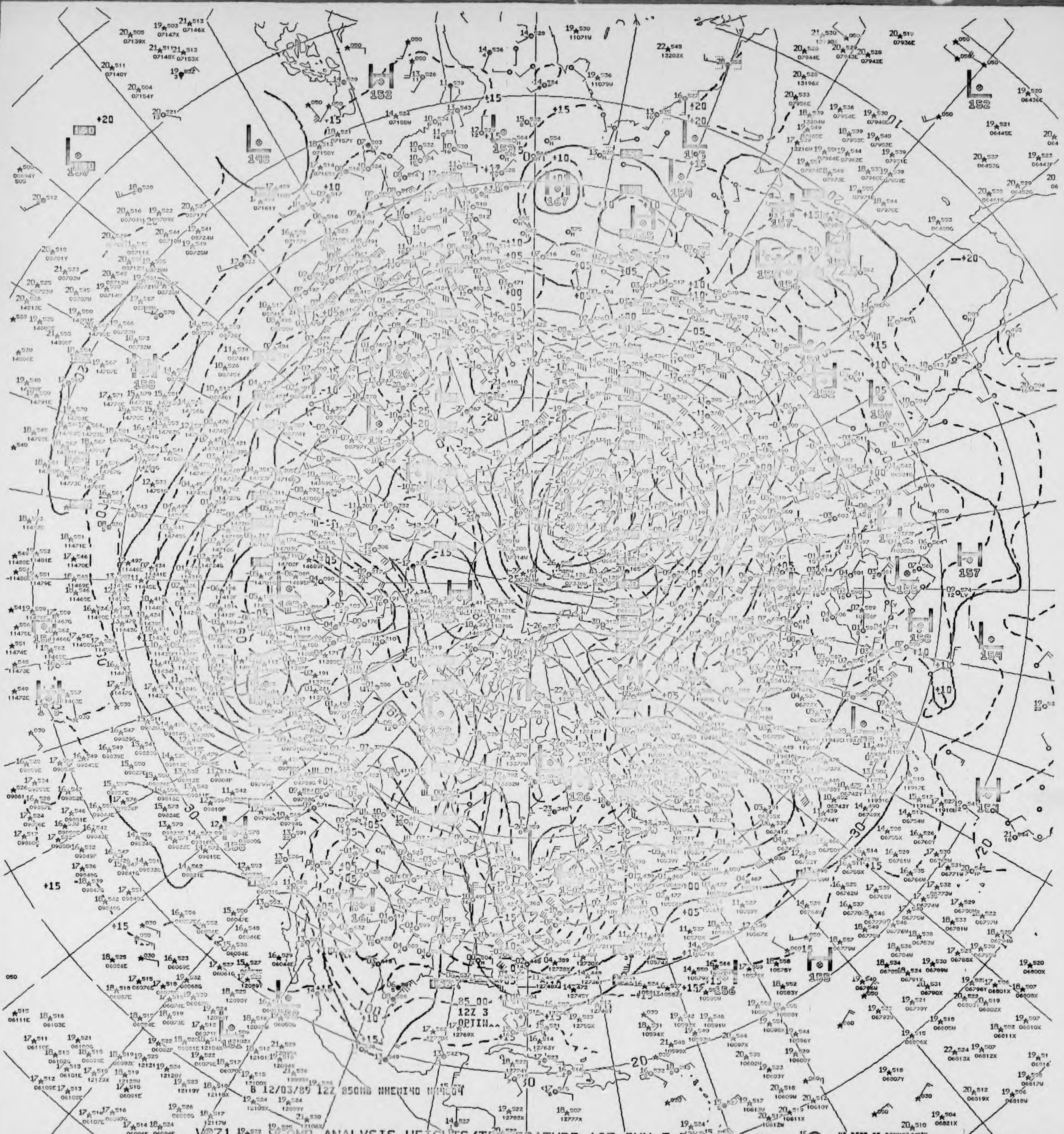
V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 2 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/03/89 00Z 850MB NHEMI40 NH400
850.00
00Z 3
OPTIN

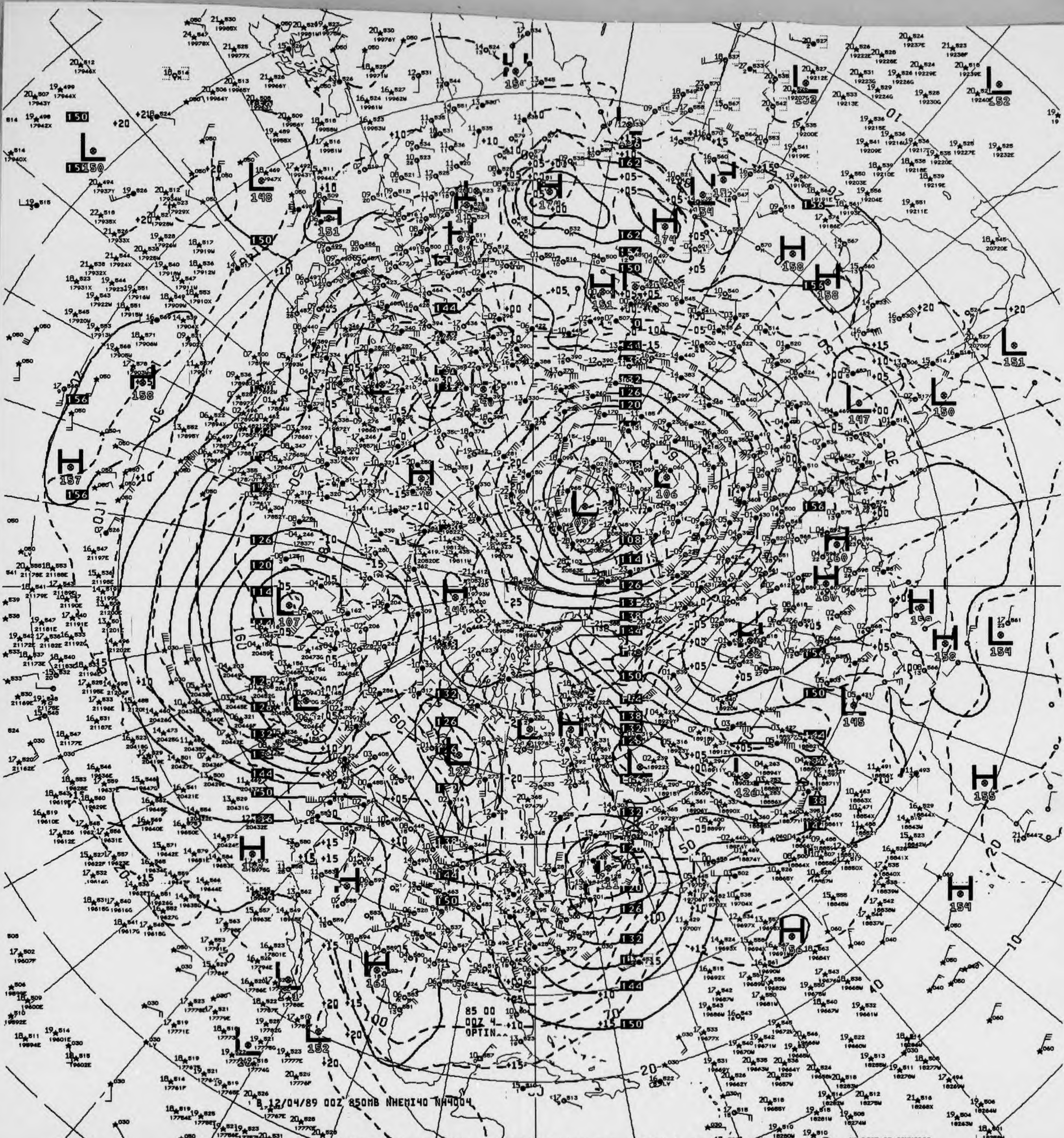
V02 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


85_00
12Z 3
OPTIN
B 12/03/89 12Z 850MB NHEMI40 NM4C04

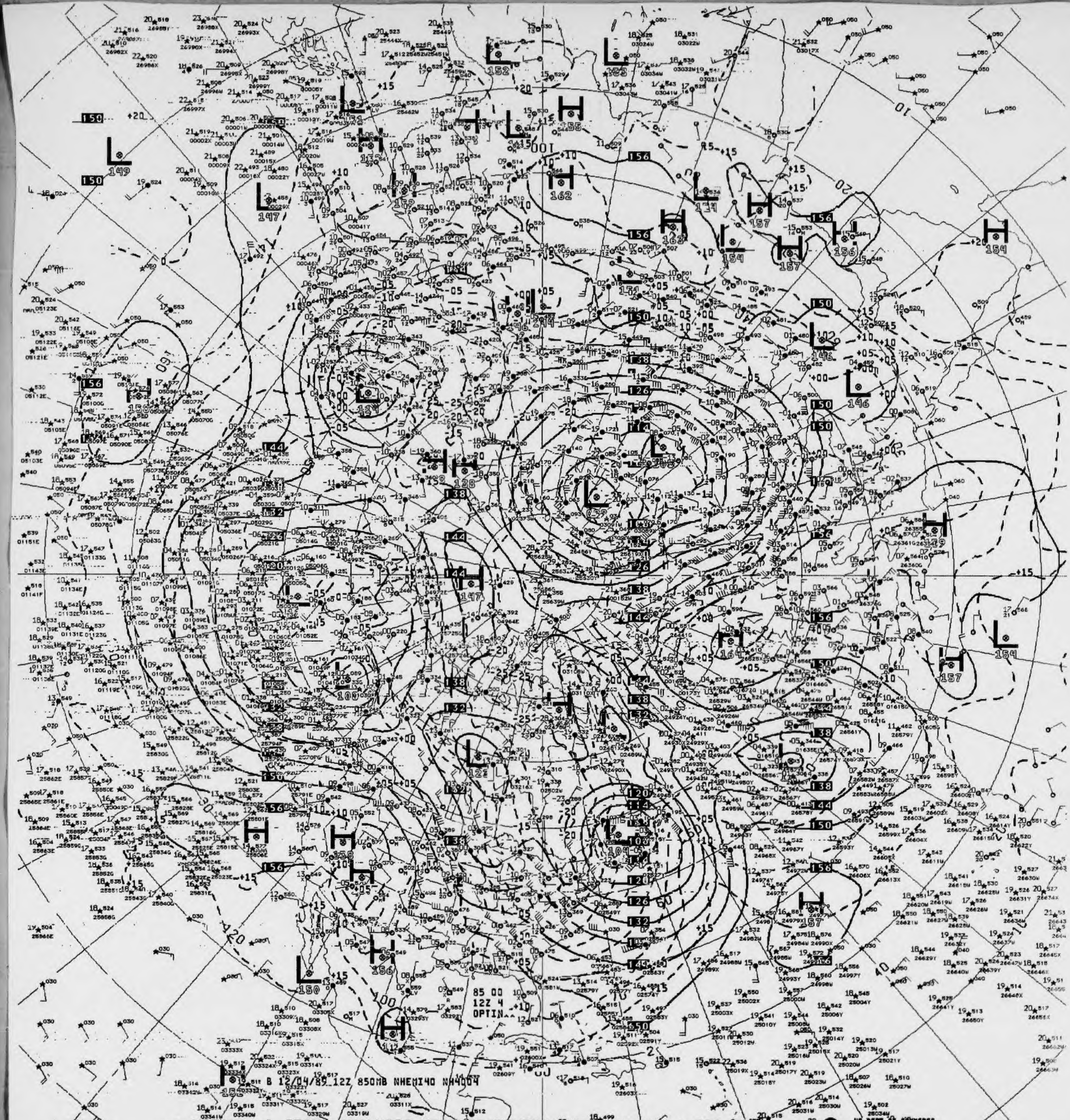
V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


85 00
00Z 4
OPTIN
B 12/04/89 00Z 850MB NHEMI40 NH4004

V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 4 DEC 89

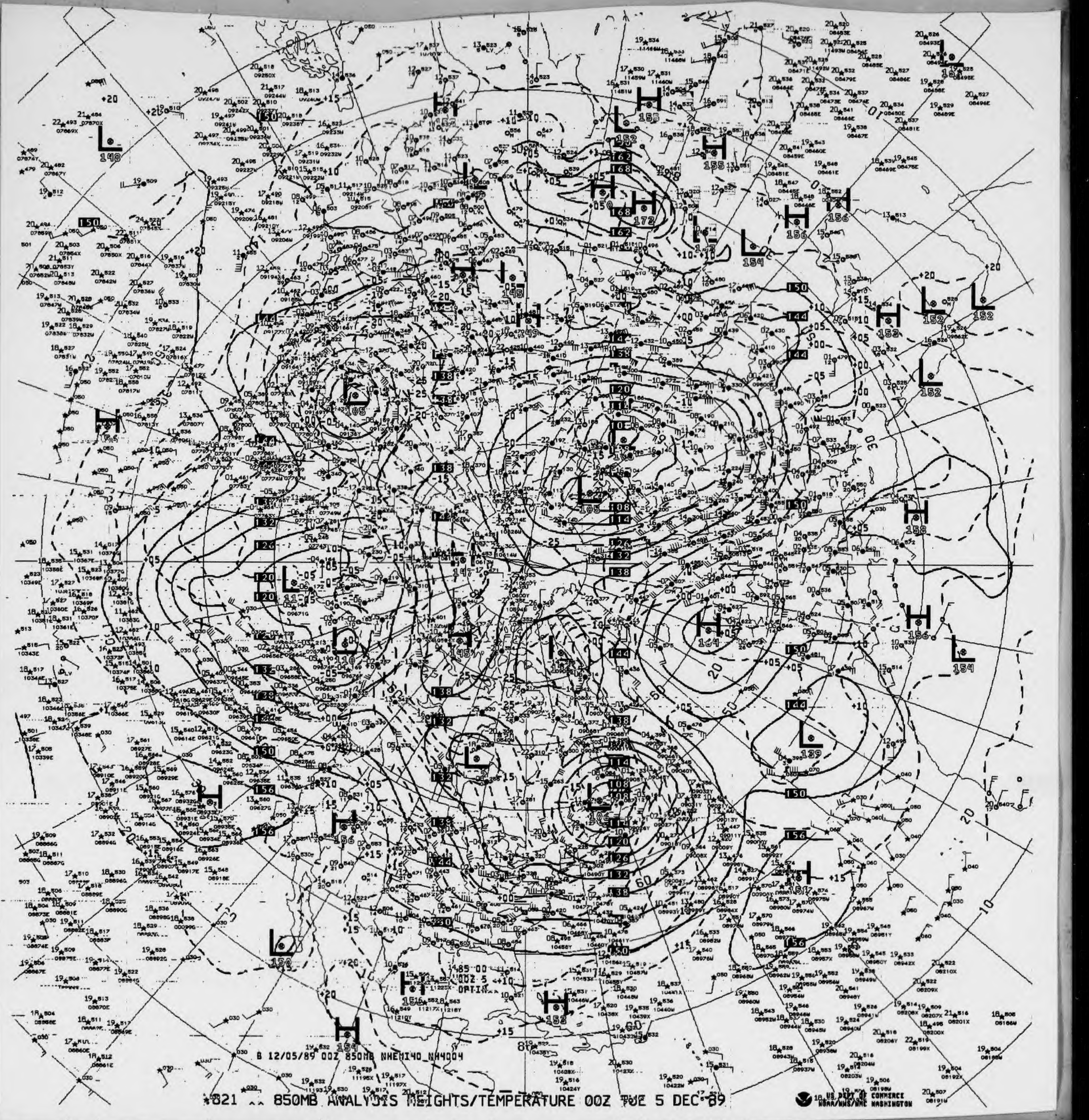
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


85 00
12Z 4
OPTIN..

B 12/04/89 12Z 850MB NHEMI40 NH4004

871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 4 DEC 89

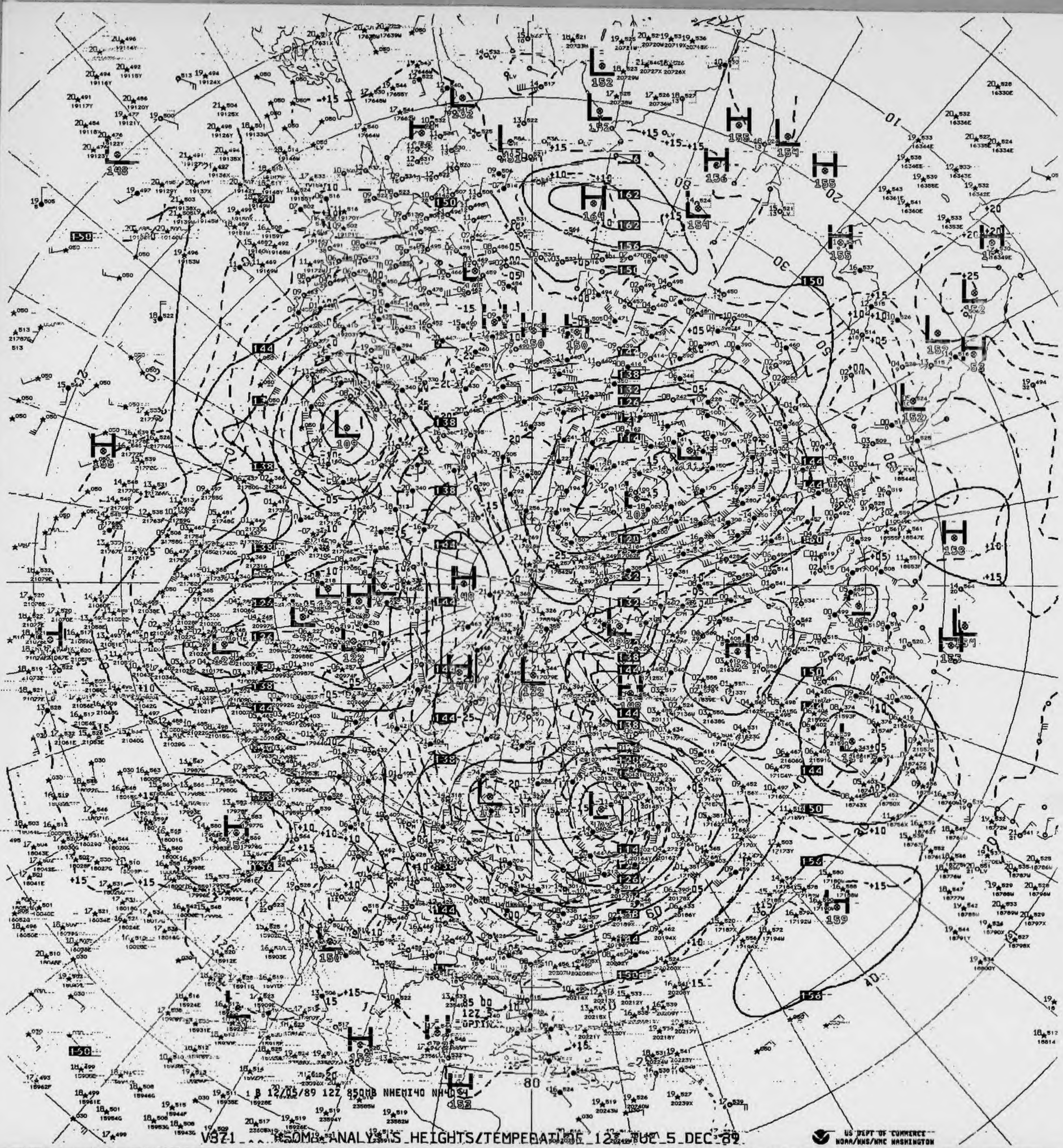
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/05/89 00Z 850MB NHEMI40 NH4004

821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 5 DEC 89

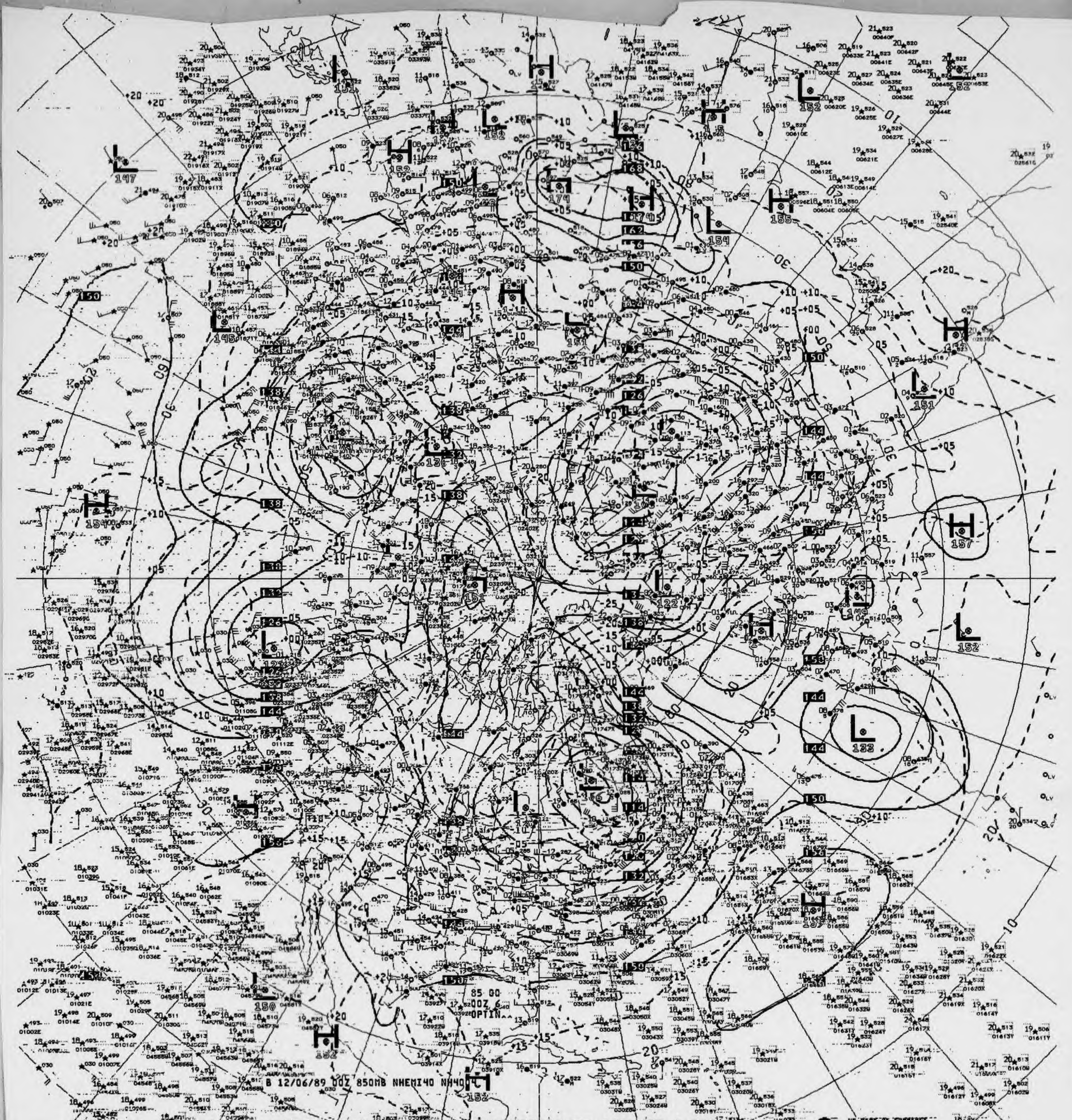
US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON



1 B 12/05/89 12Z 850MB NHEMI40 NH

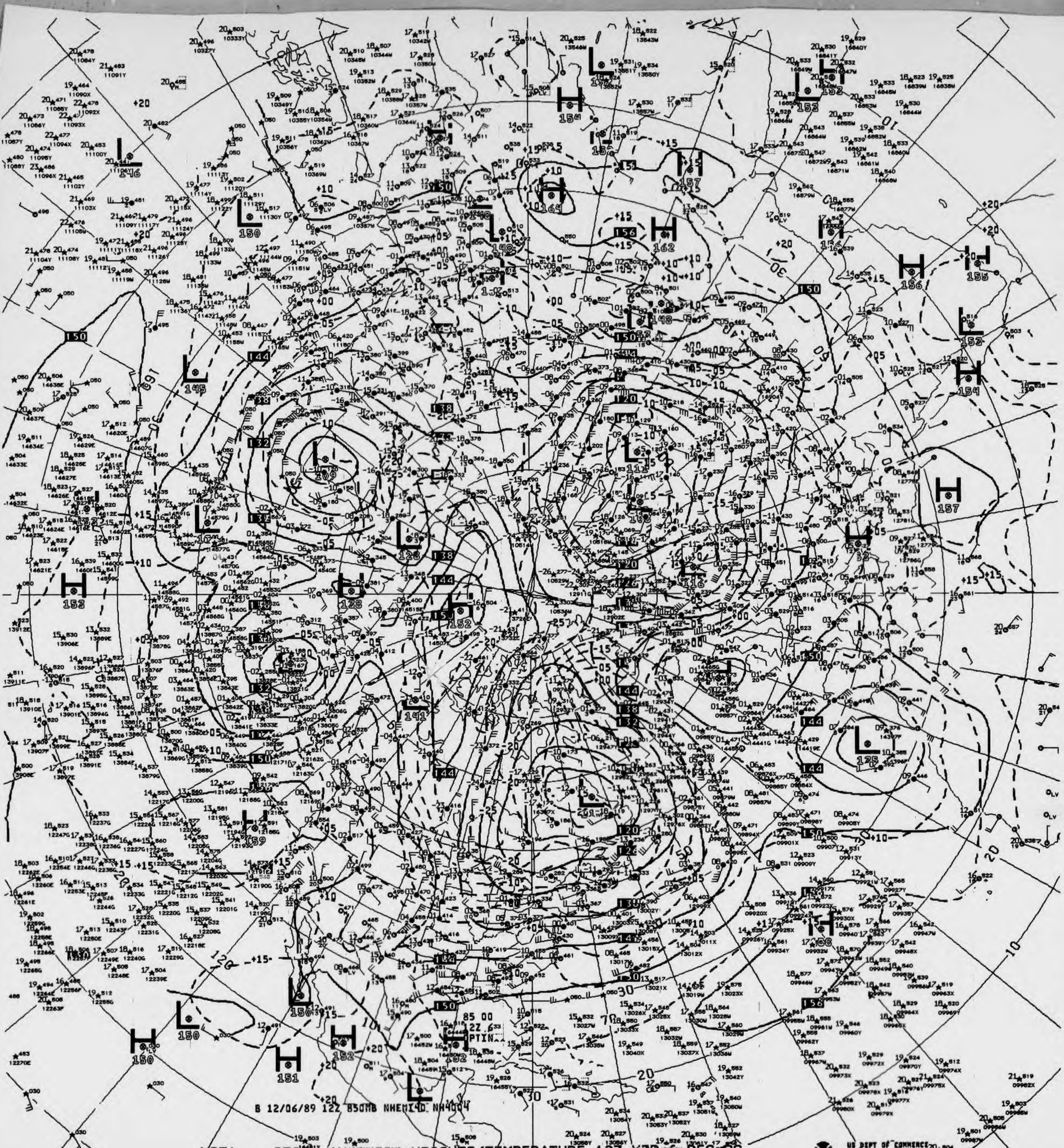
V371 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/06/89 00Z 850MB NHEMI40 NH400
85 GO
00Z 6
OPTIN^^

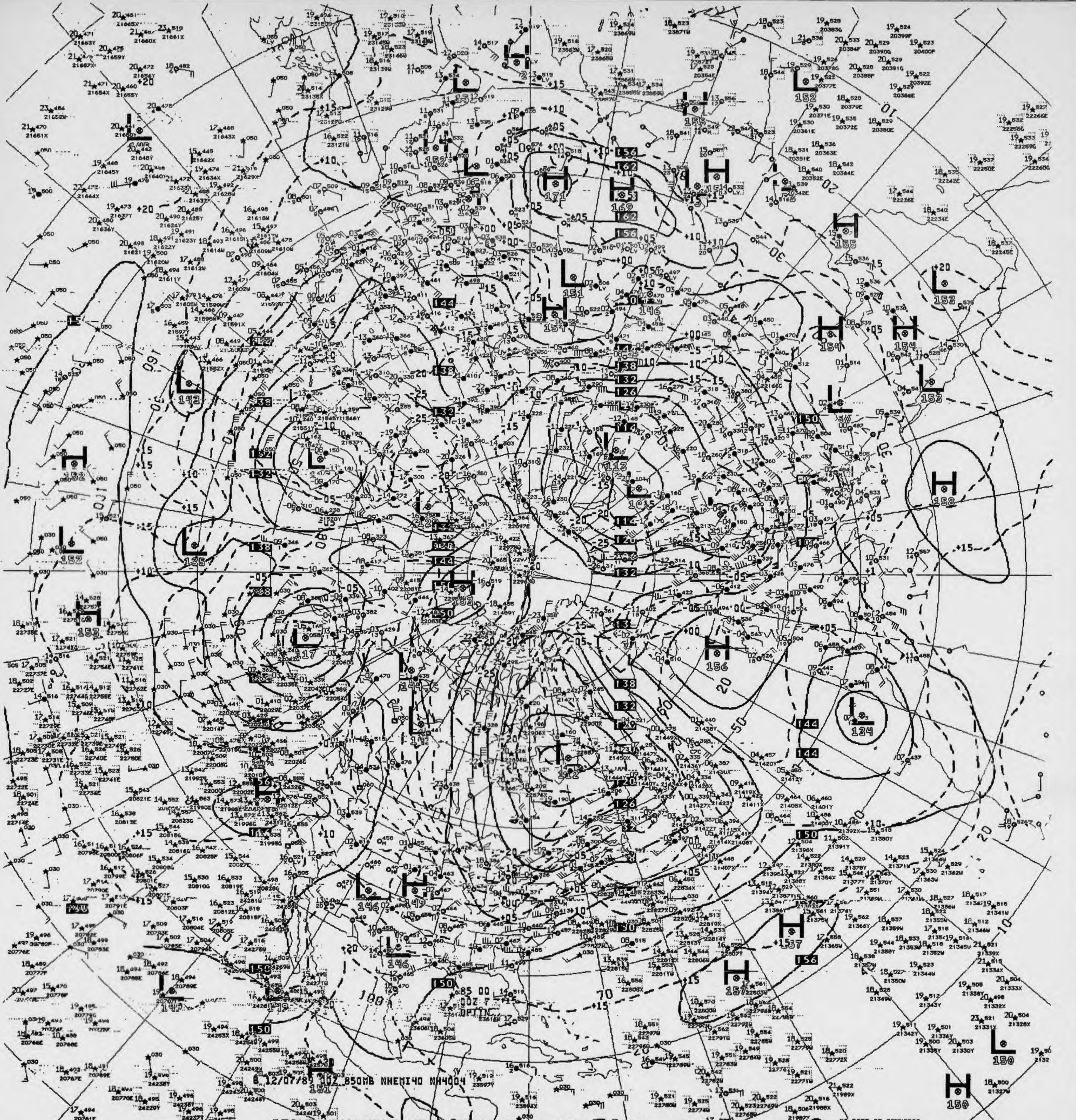
V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 6 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/06/89 12Z 850MB NHEMI4D NH4004

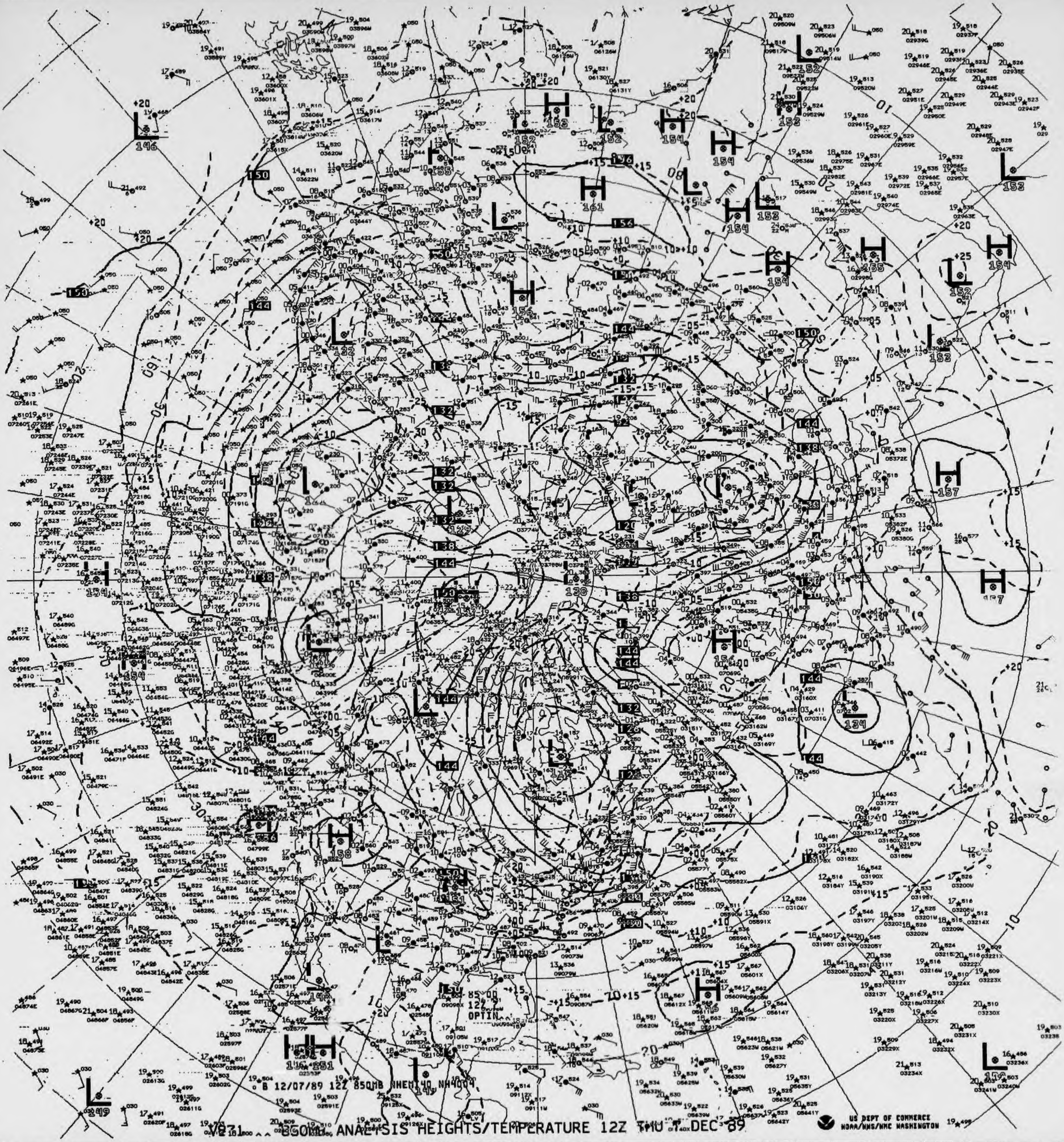
V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 6 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


6 12/07/89 00Z 850MB NHEMI40 NH4004

V821 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 7 DEC 89

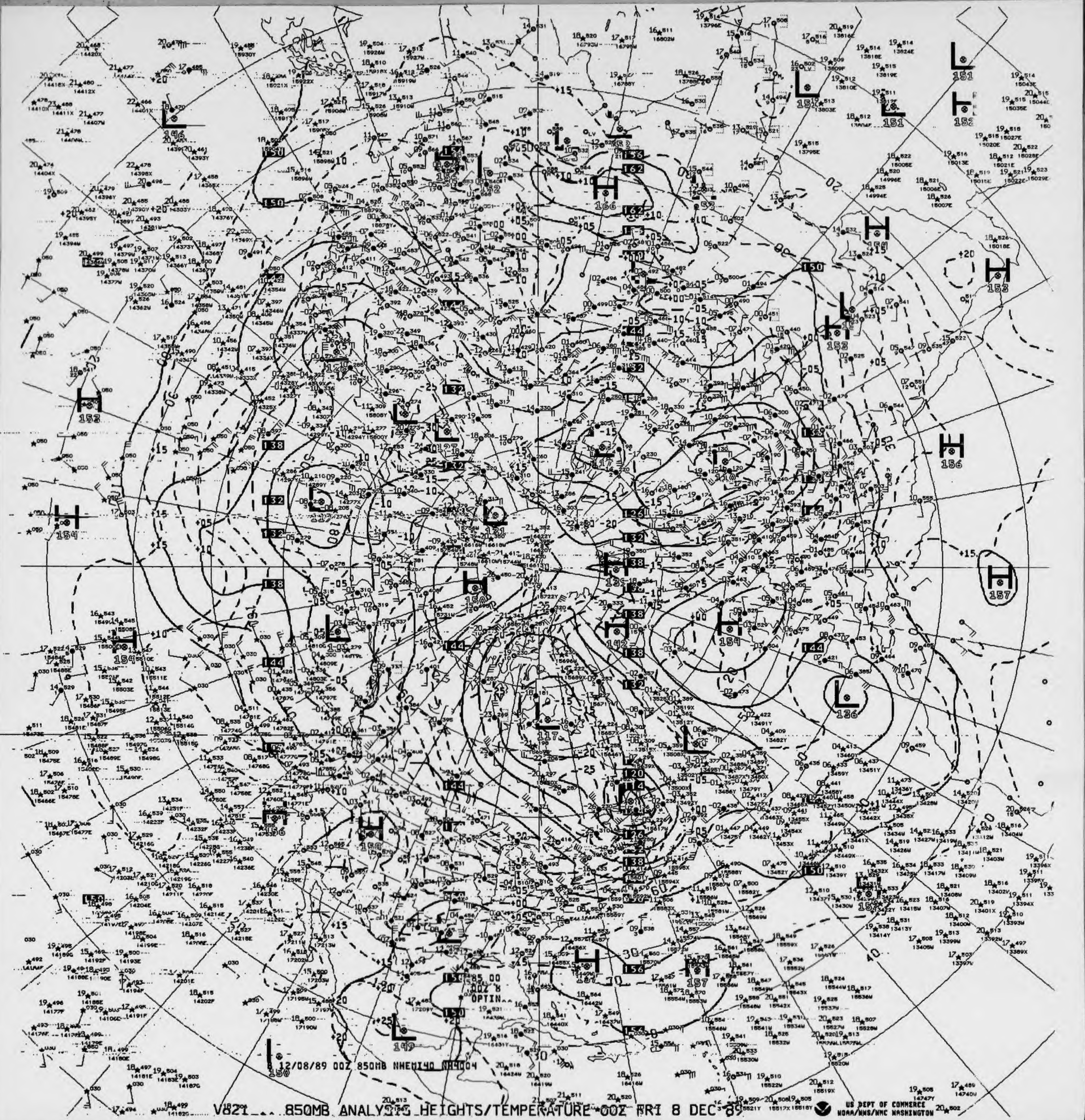
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/07/89 12Z 850MB NHEM140 NH4004

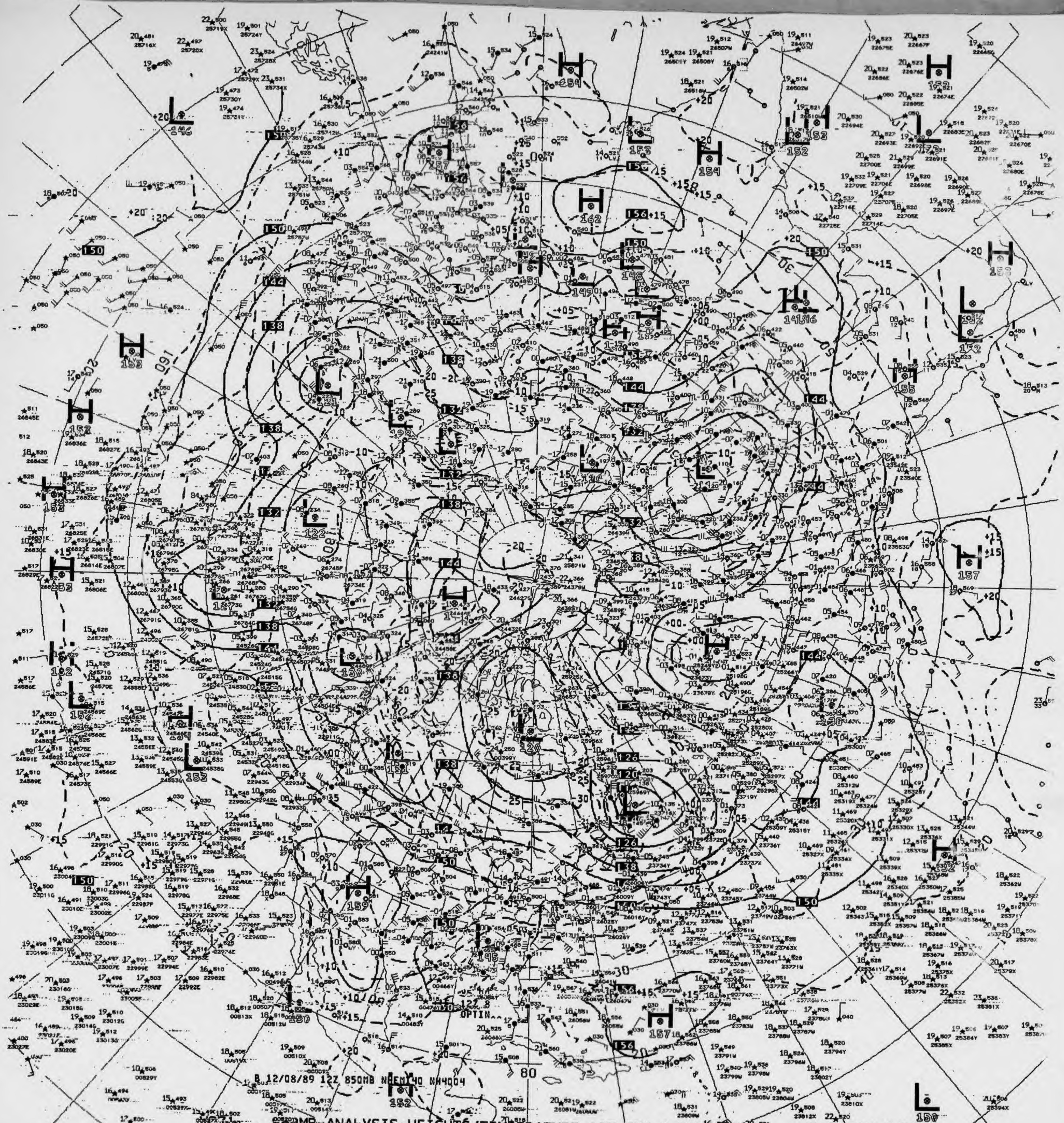
V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 7 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


12/08/89 00Z 850MB NHEMI40 NH4004
85 00
00Z 8
OPTIN

V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 8 DEC 89

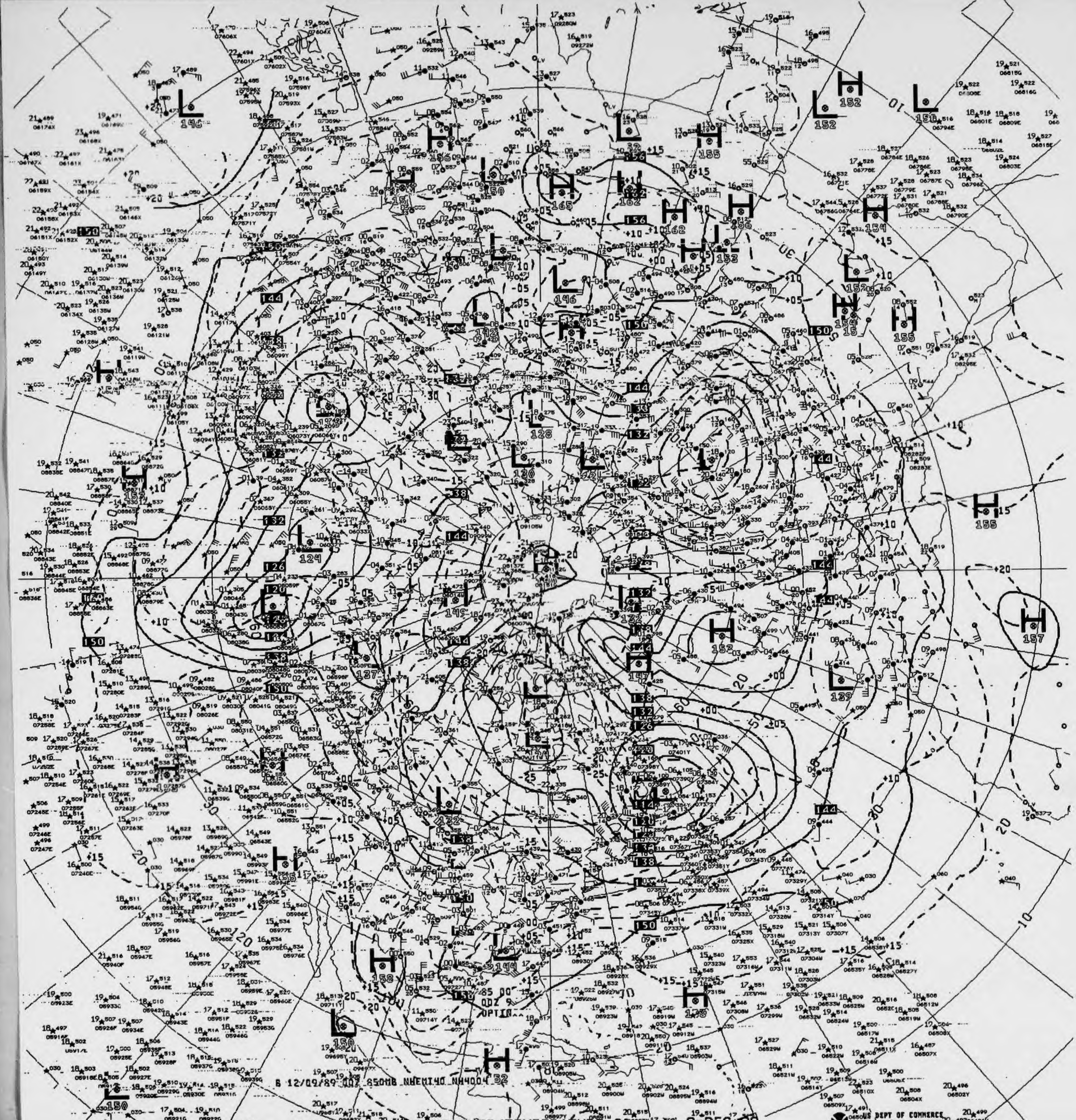
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



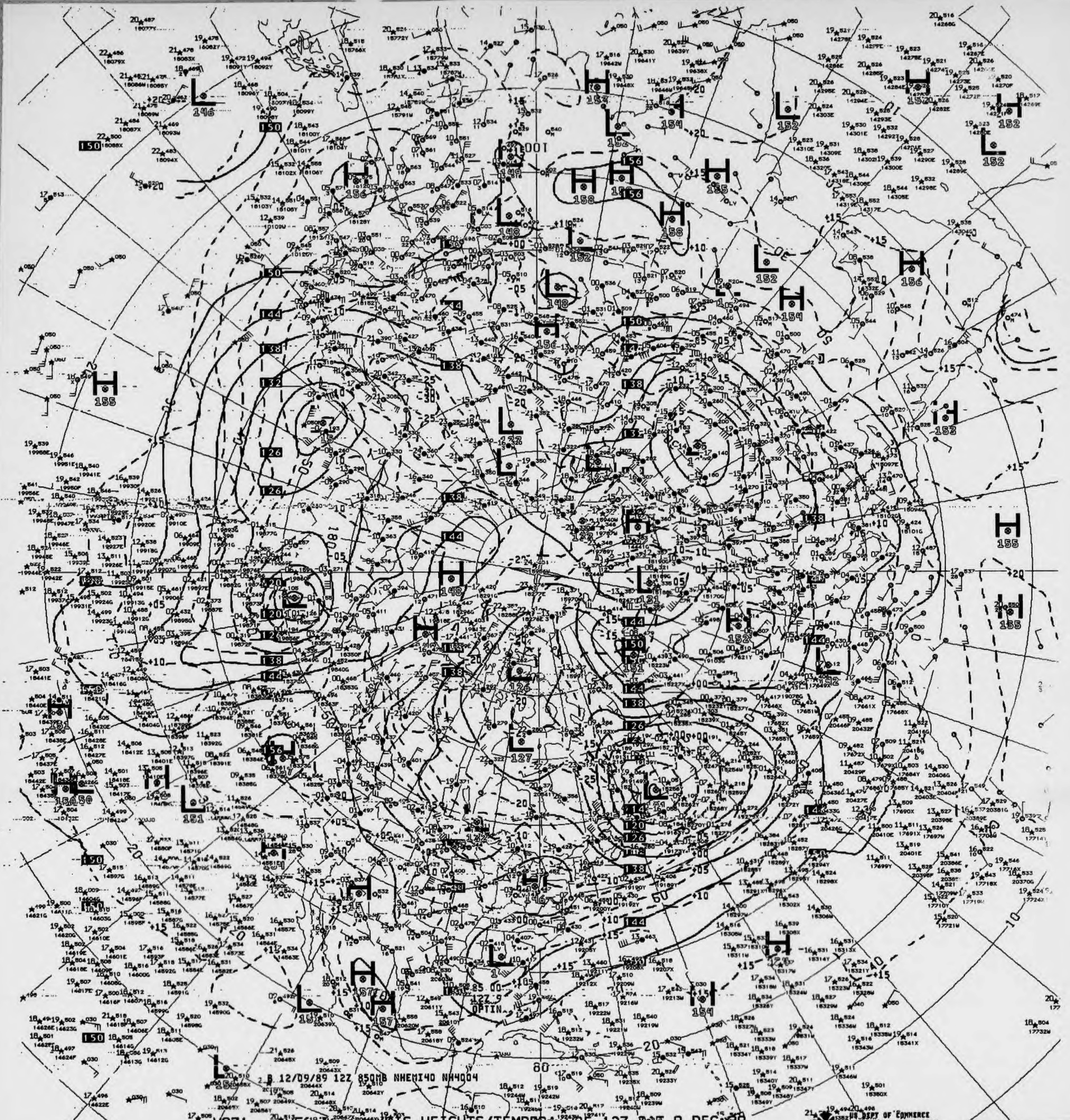
B 12/08/89 12Z 850MB NHEMI40 NH4004

850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

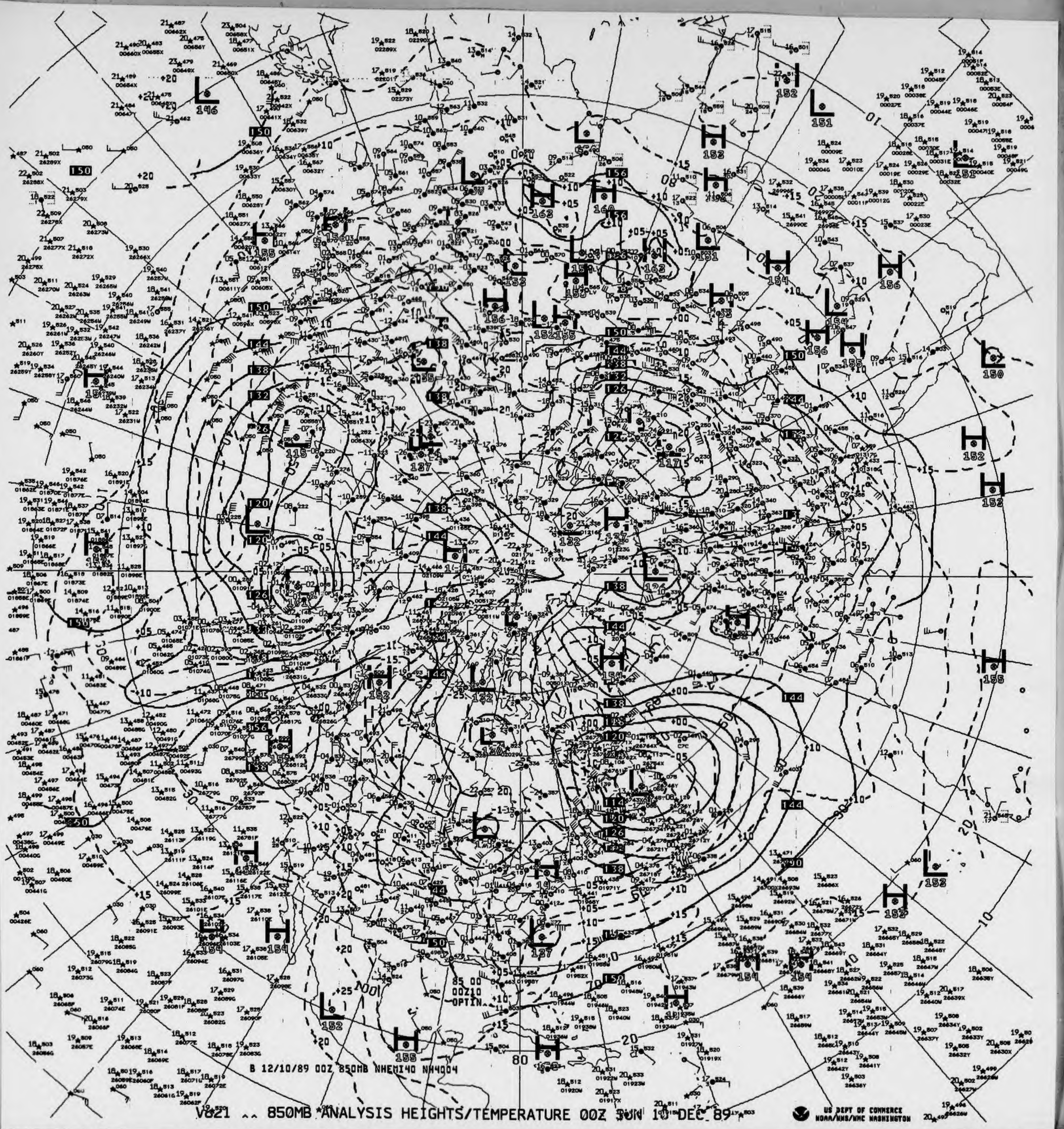

8 12/09/89 00Z 850MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V821 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 9 DEC 89


B 12/09/89 12Z 850MB NHEMI40 NH4004
OPTIN
H
L

V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 9 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/10/89 00Z 850MB NHEMI40 NH4004
85 00
00Z10
OPTIN
80
146
150
152
151
153
156
160
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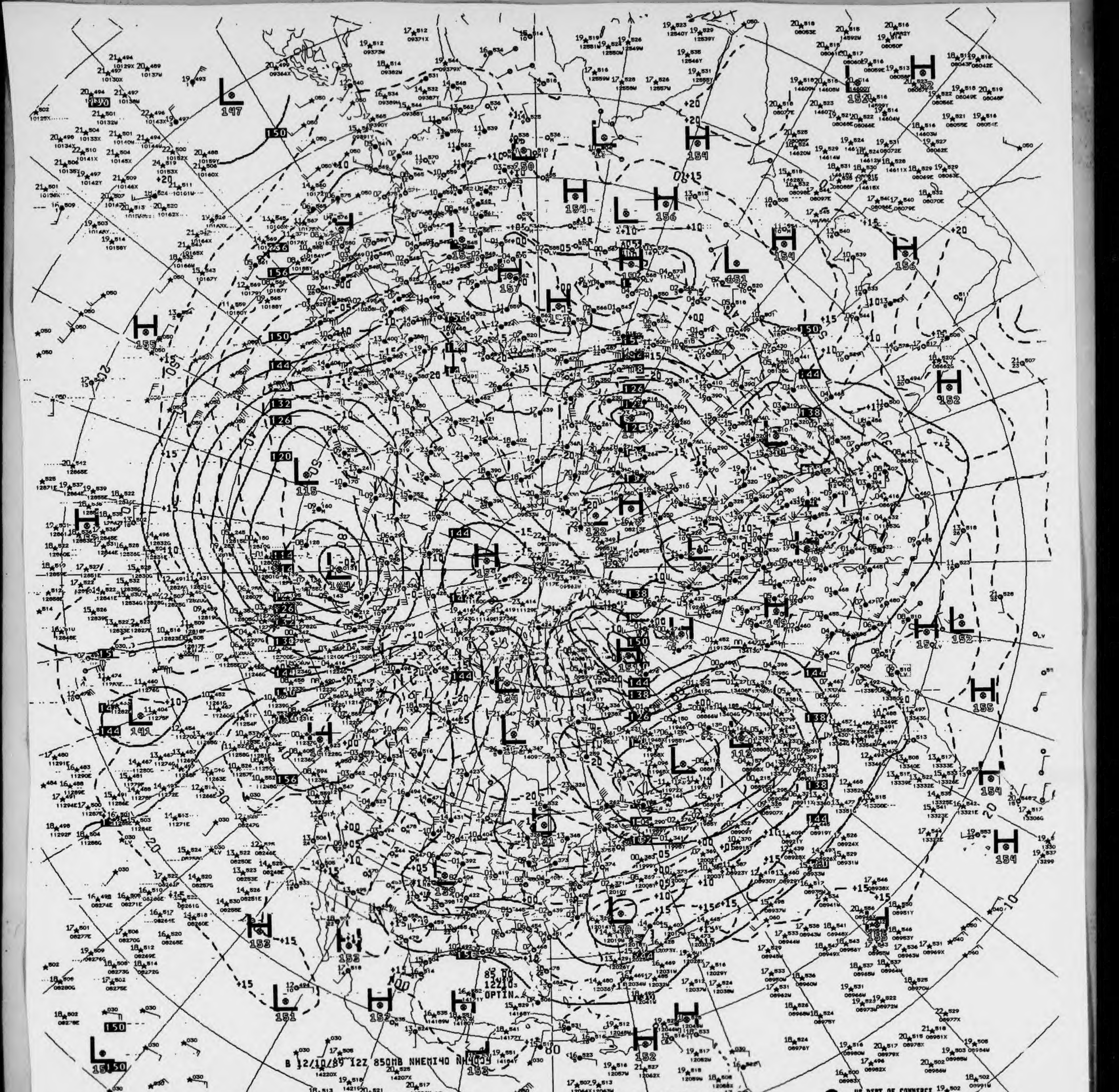
155
154
137
132
126
120
117
115
138
144

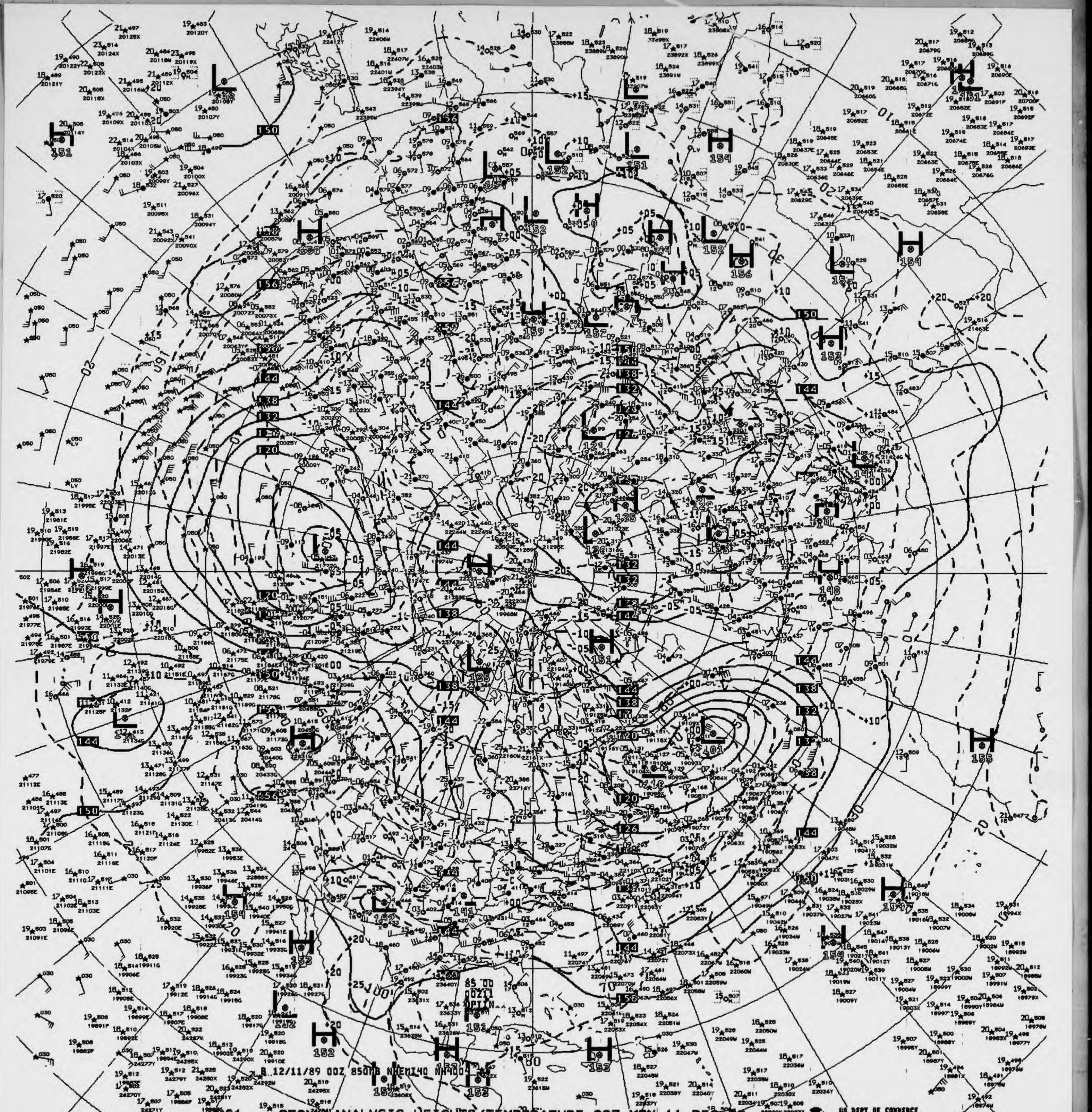
V821 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 10 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/10/89 12Z 850MB NHEMI40 NH40J9
850
12Z10
OPTIN
L 147
L 115
L 104
L 141
L 151
L 151
H 155
H 153
H 152
H 152
H 153
H 152
H 154
H 154
H 156
H 154
H 156
H 152
H 155
H 154
H 154
H 155

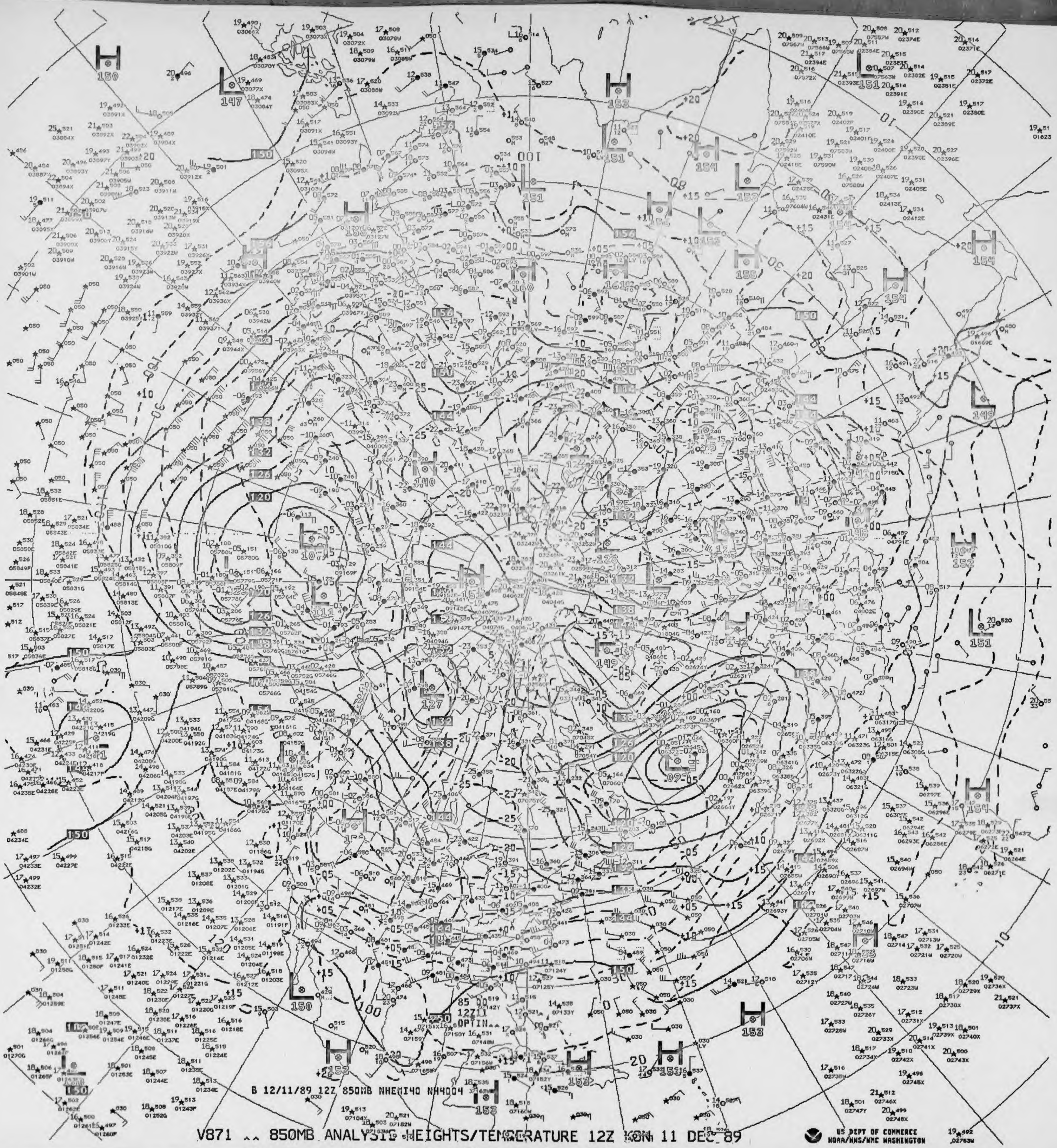
V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 10 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/11/89 00Z 850MB NHEMI40 NH400

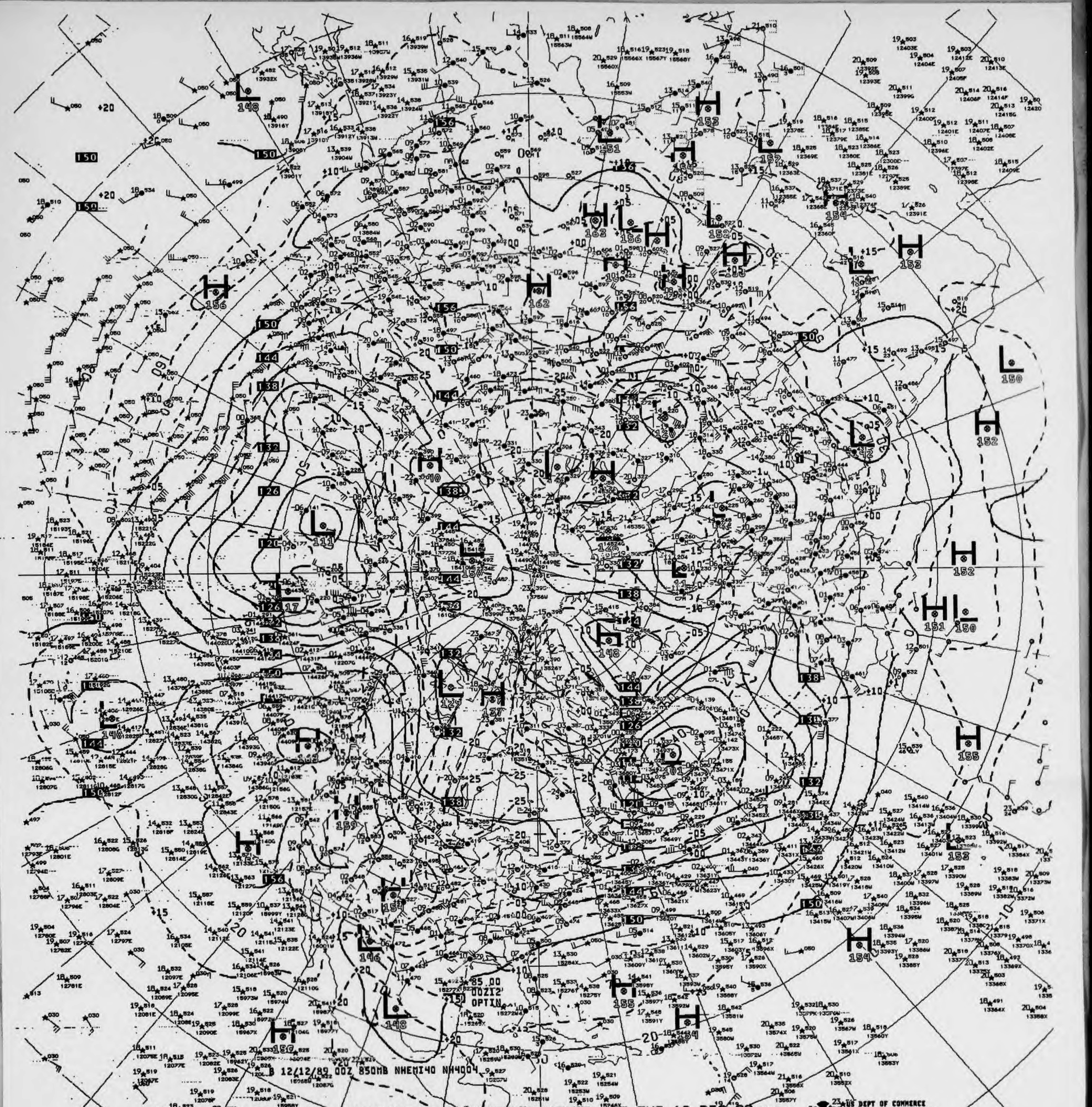
V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/11/89 12Z 850MB NHEMI40 NH4004
85 00
12Z11
OPTIN

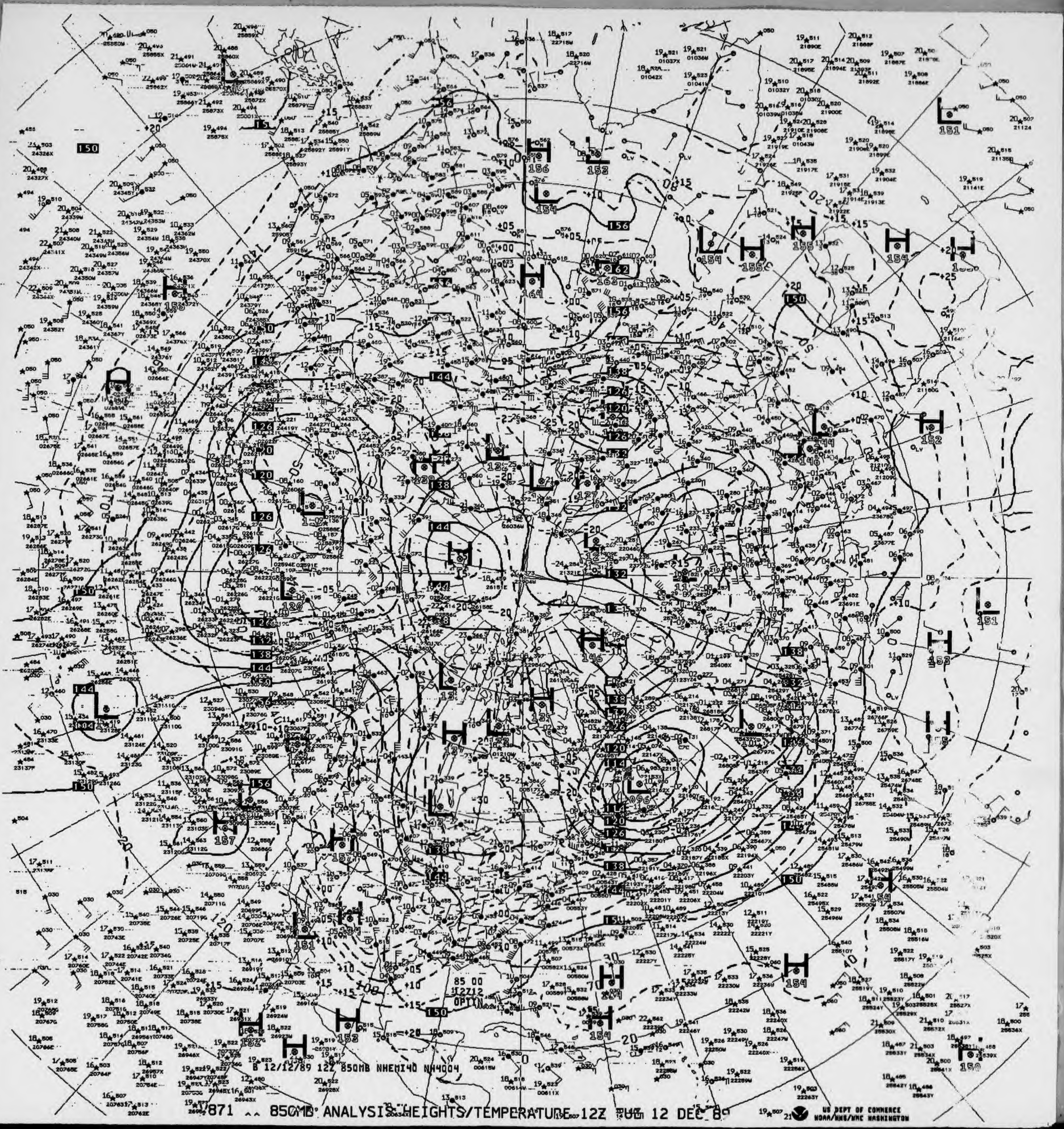
V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/12/89 00Z 850MB NHEMI40 NH4004
85.00
00Z12
OPTIN

1221 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 12 DEC 89

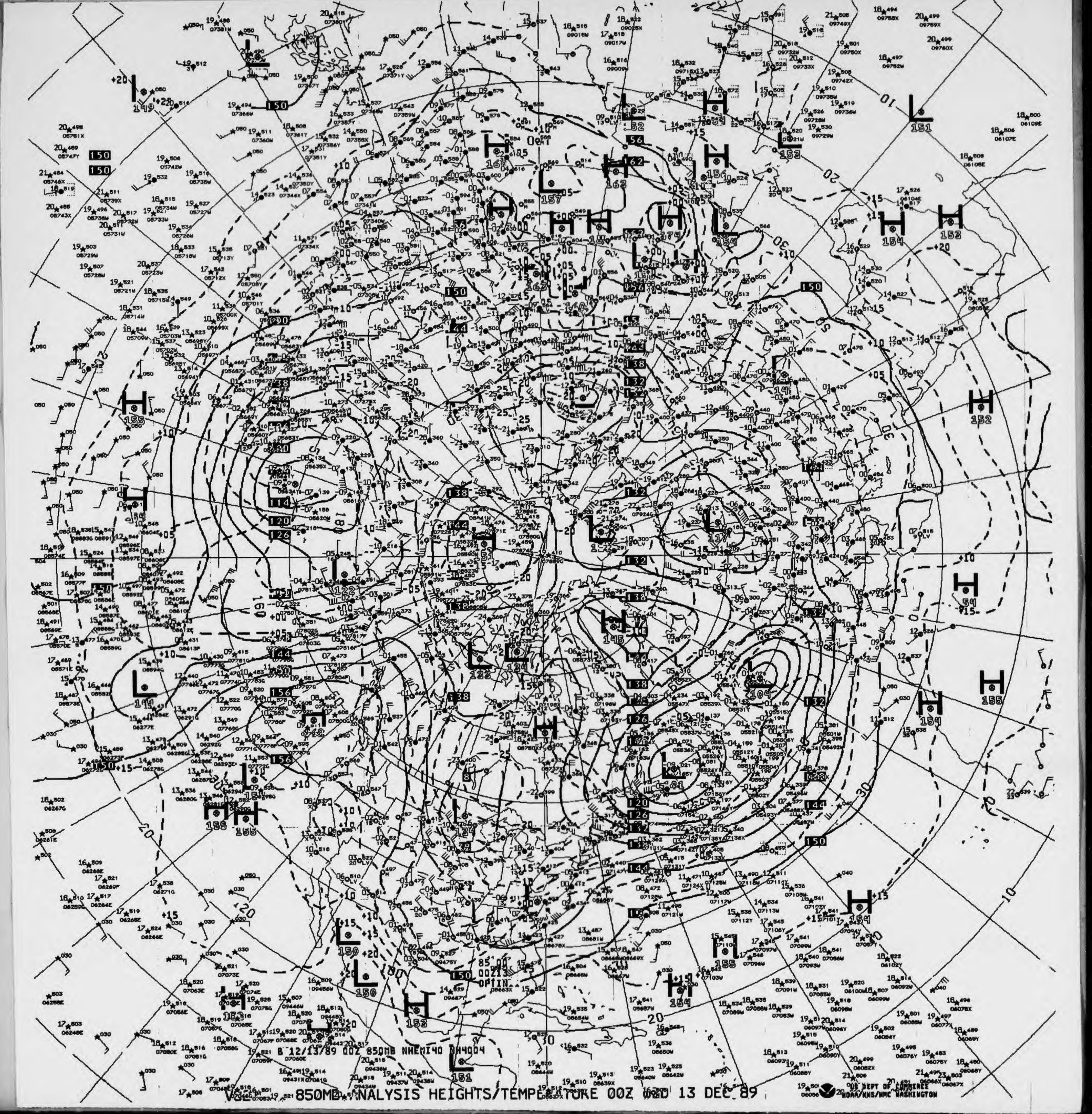
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



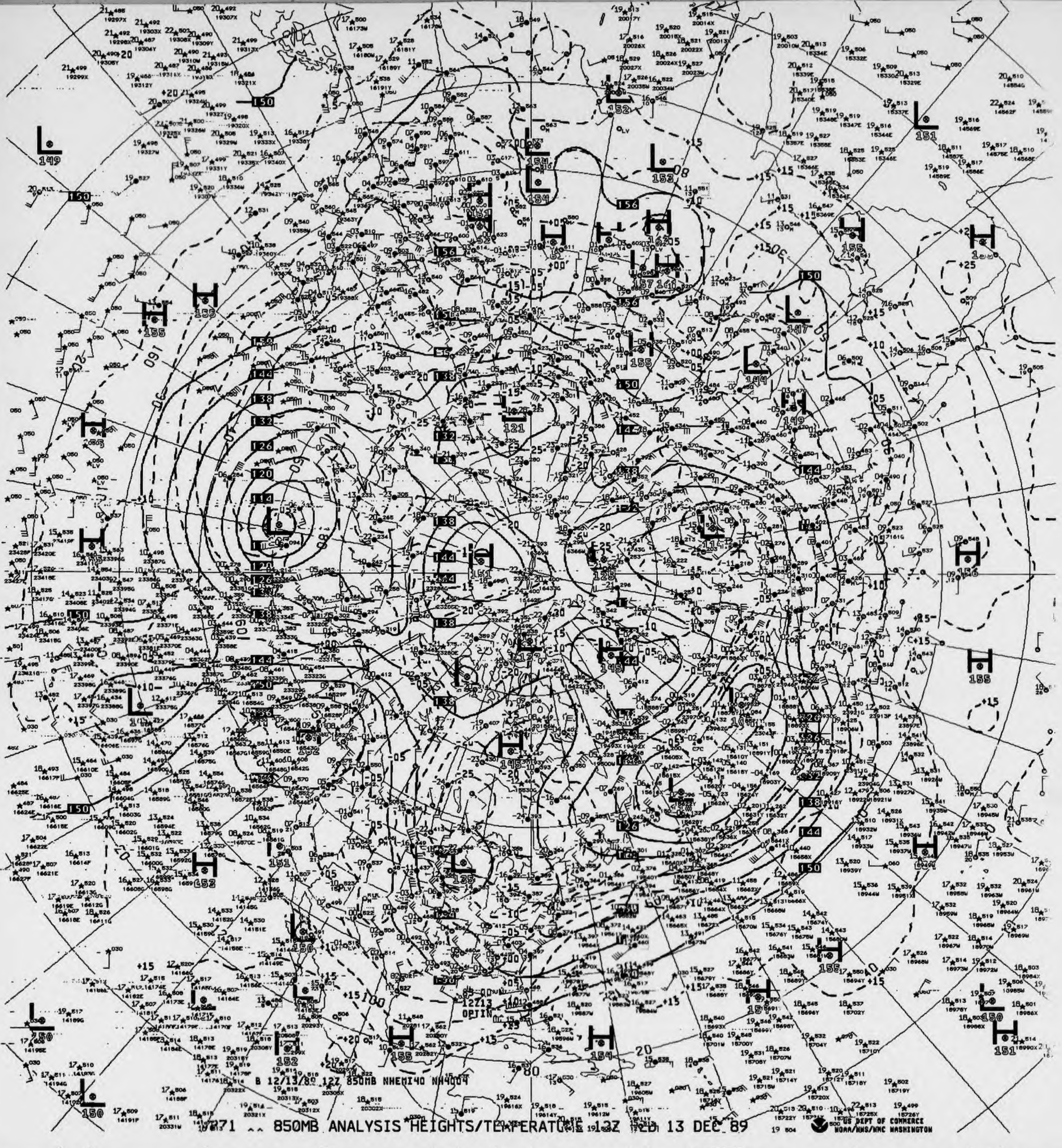
B 12/12/89 12Z 850MB NHEMI40 NH4004

871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 12 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

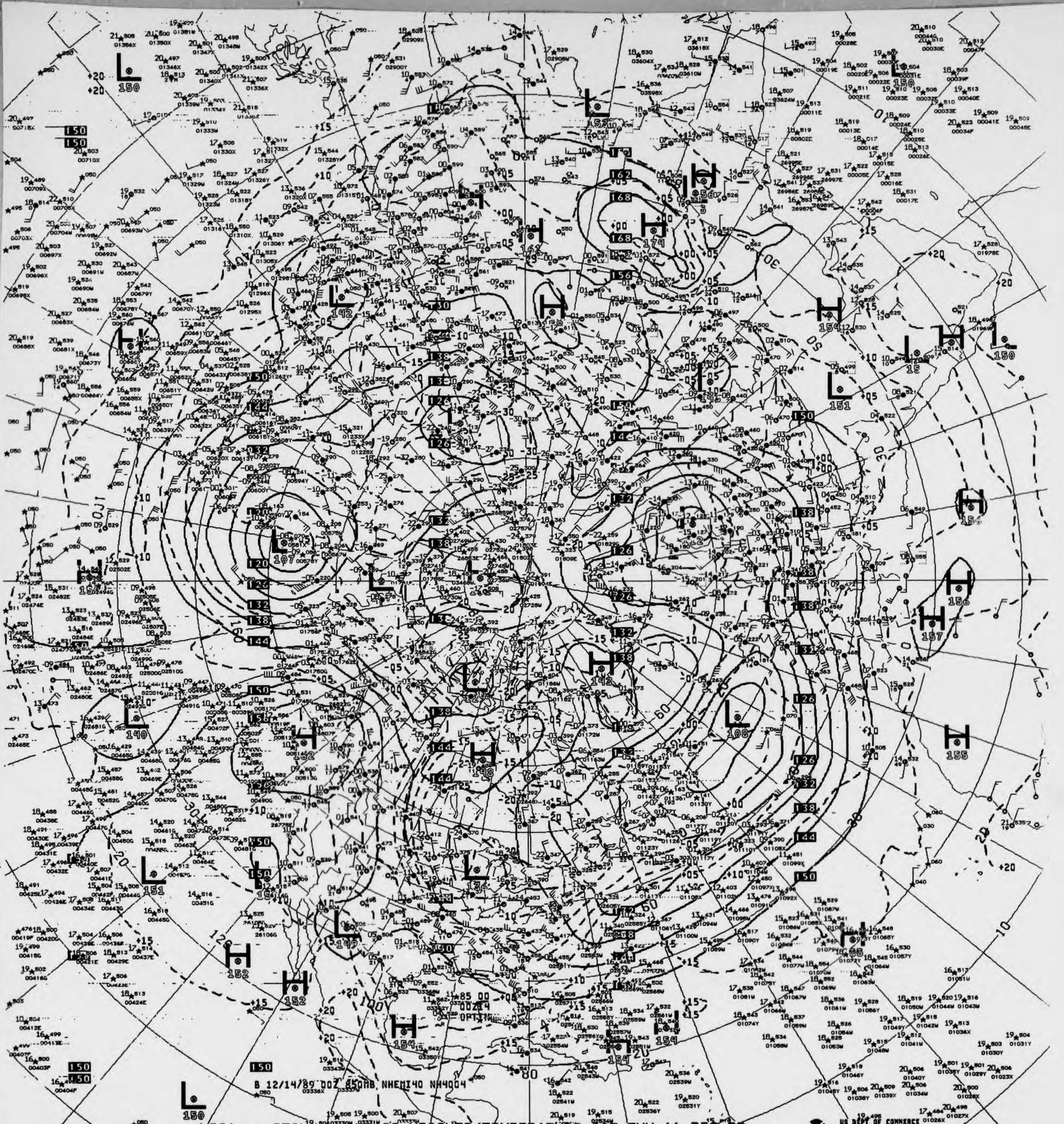

B 12/13/89 00Z 850MB NHEMI40 DH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 13 DEC 89



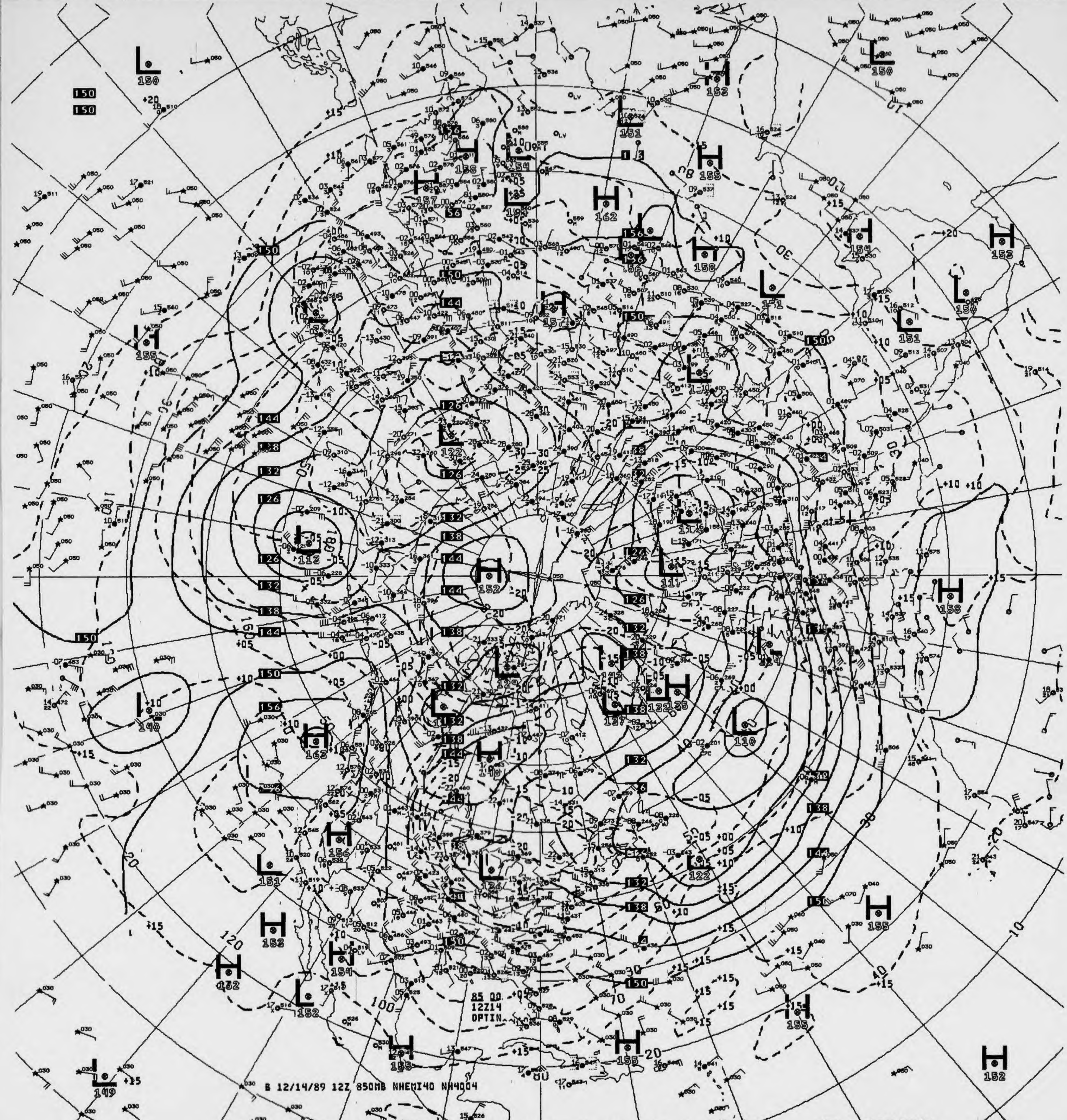
B 12/13/89 12Z 850MB NHEMI40 NH4004
OPTIN
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

0771 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 13 DEC 89


B 12/14/89 00Z 850MB NHEMI40 NH4004

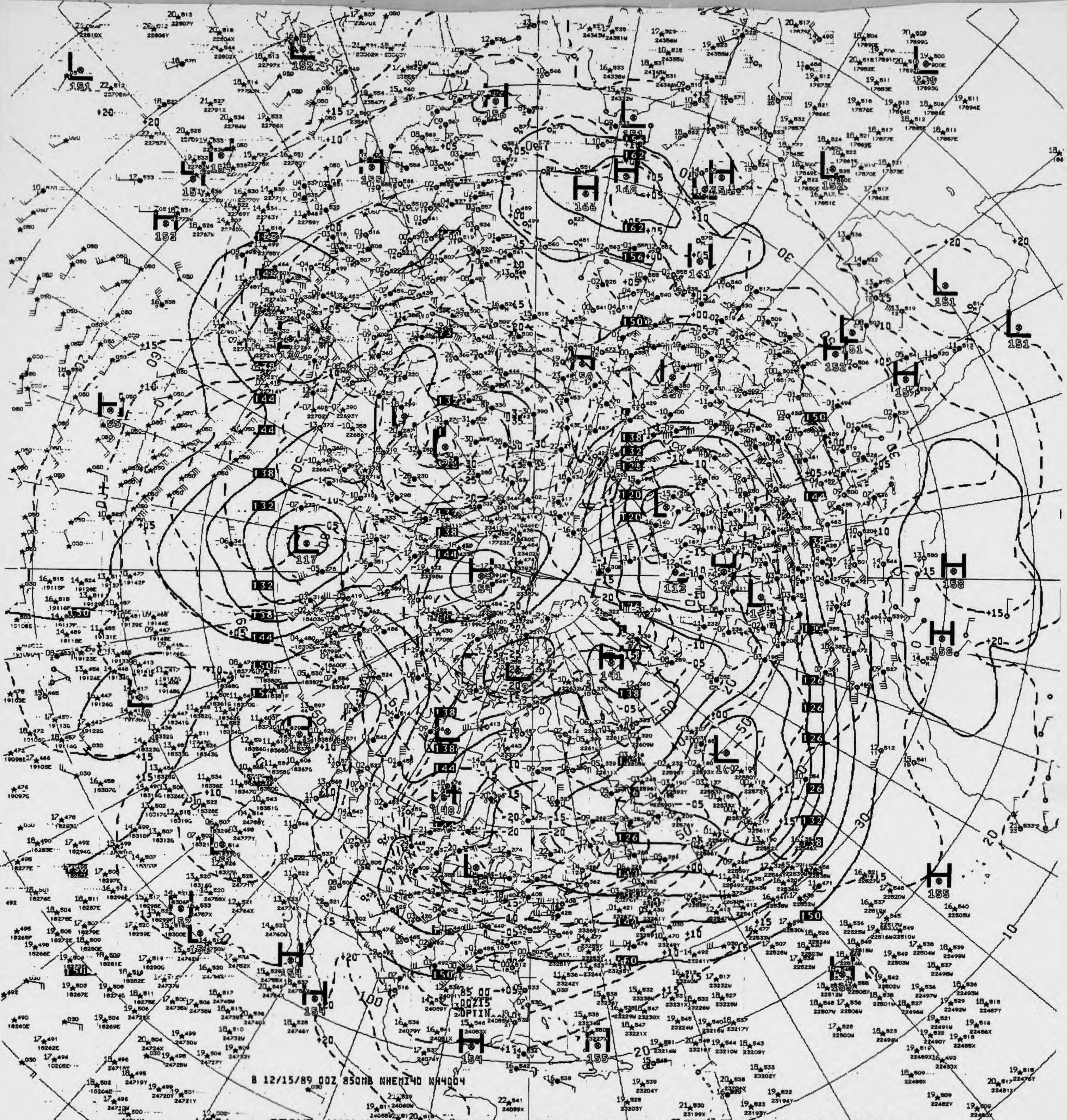
V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 14 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


85 00
12Z14
OPTIN
B 12/14/89 12Z 850MB NHEMI40 NH4004

V871 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 14 DEC 89

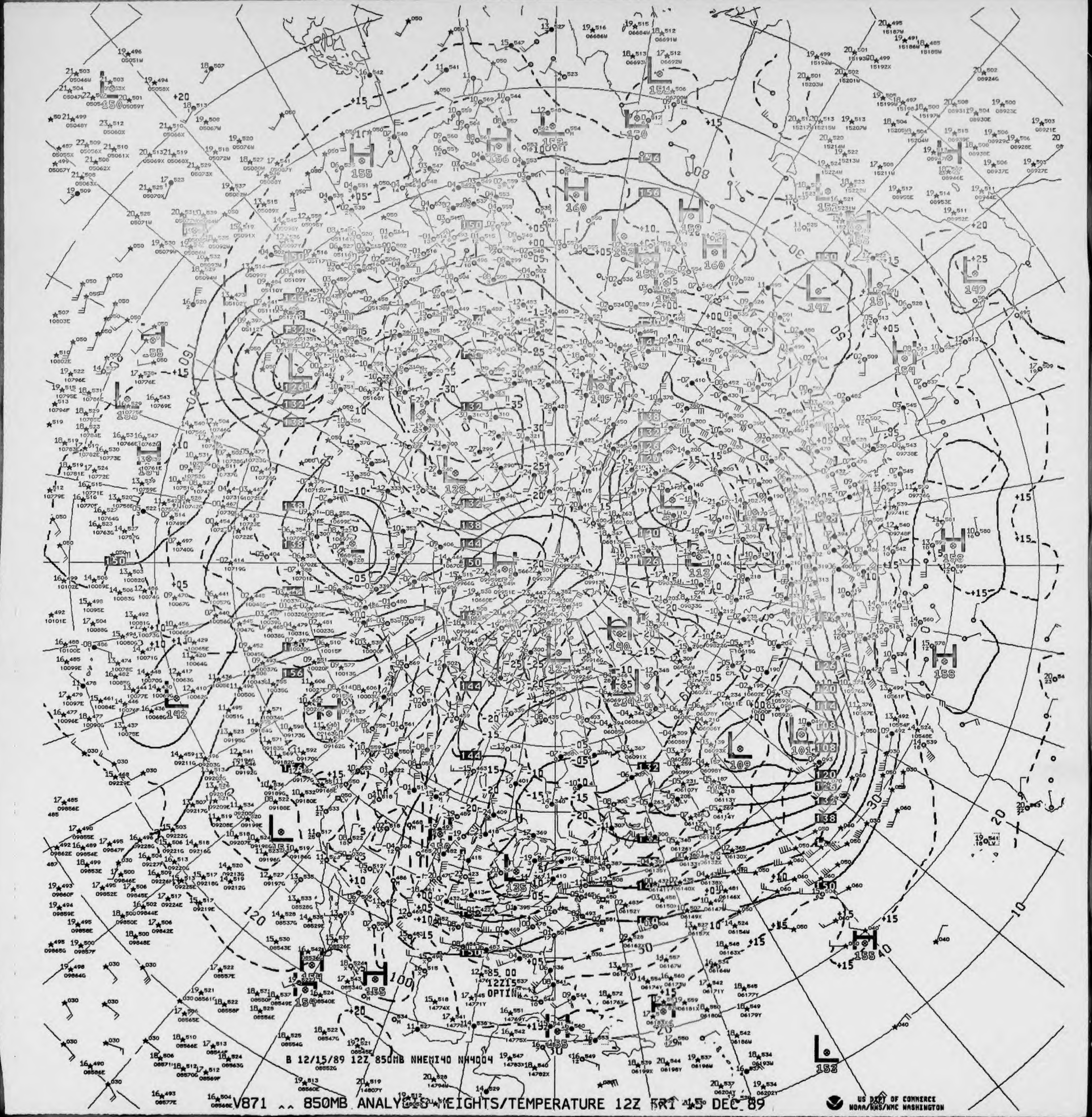
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/15/89 00Z 850MB NHEMI40 NH4004

V821 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 15 DEC 89

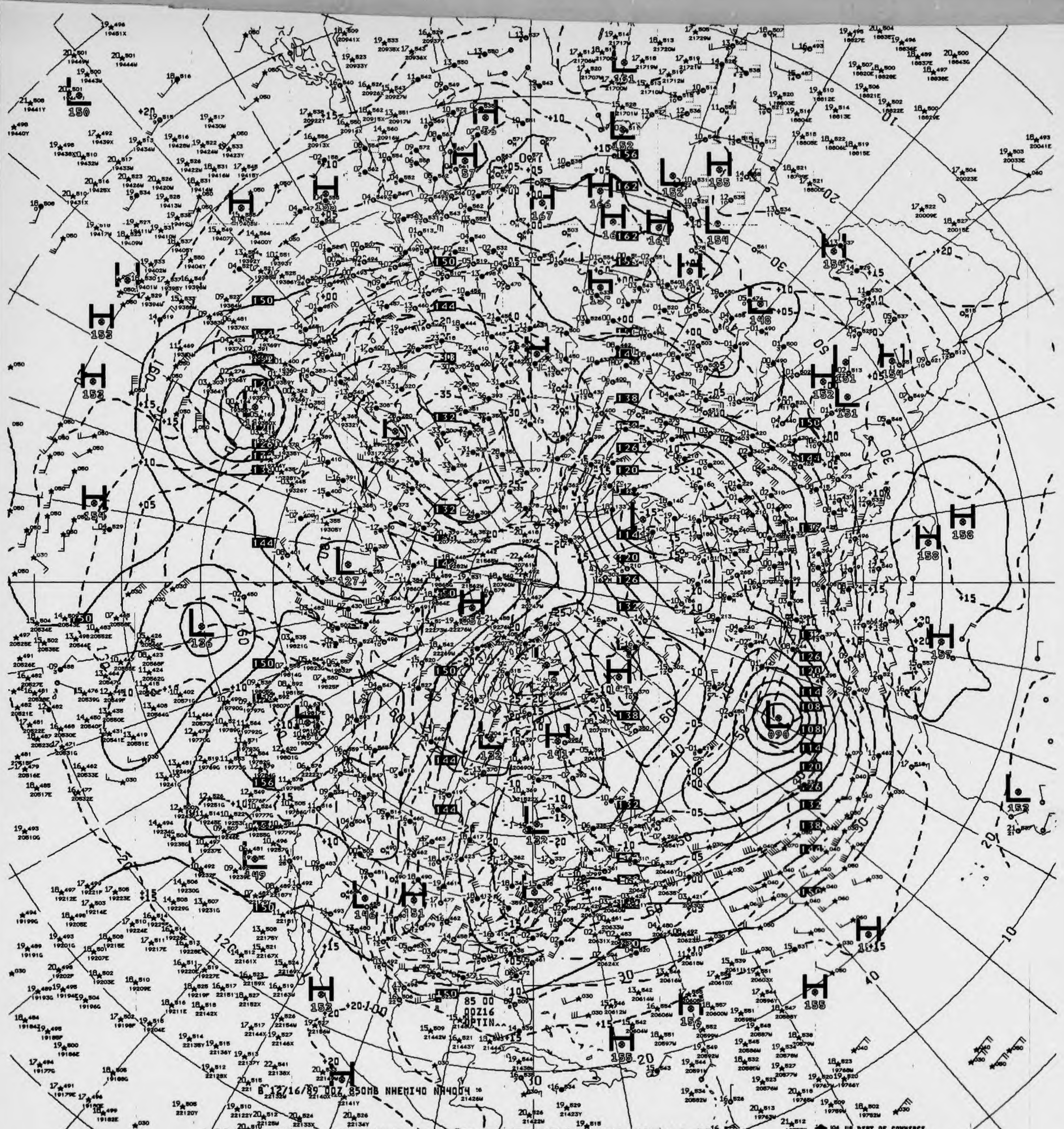
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/15/89 12Z 850MB NHEMI40 NH4004

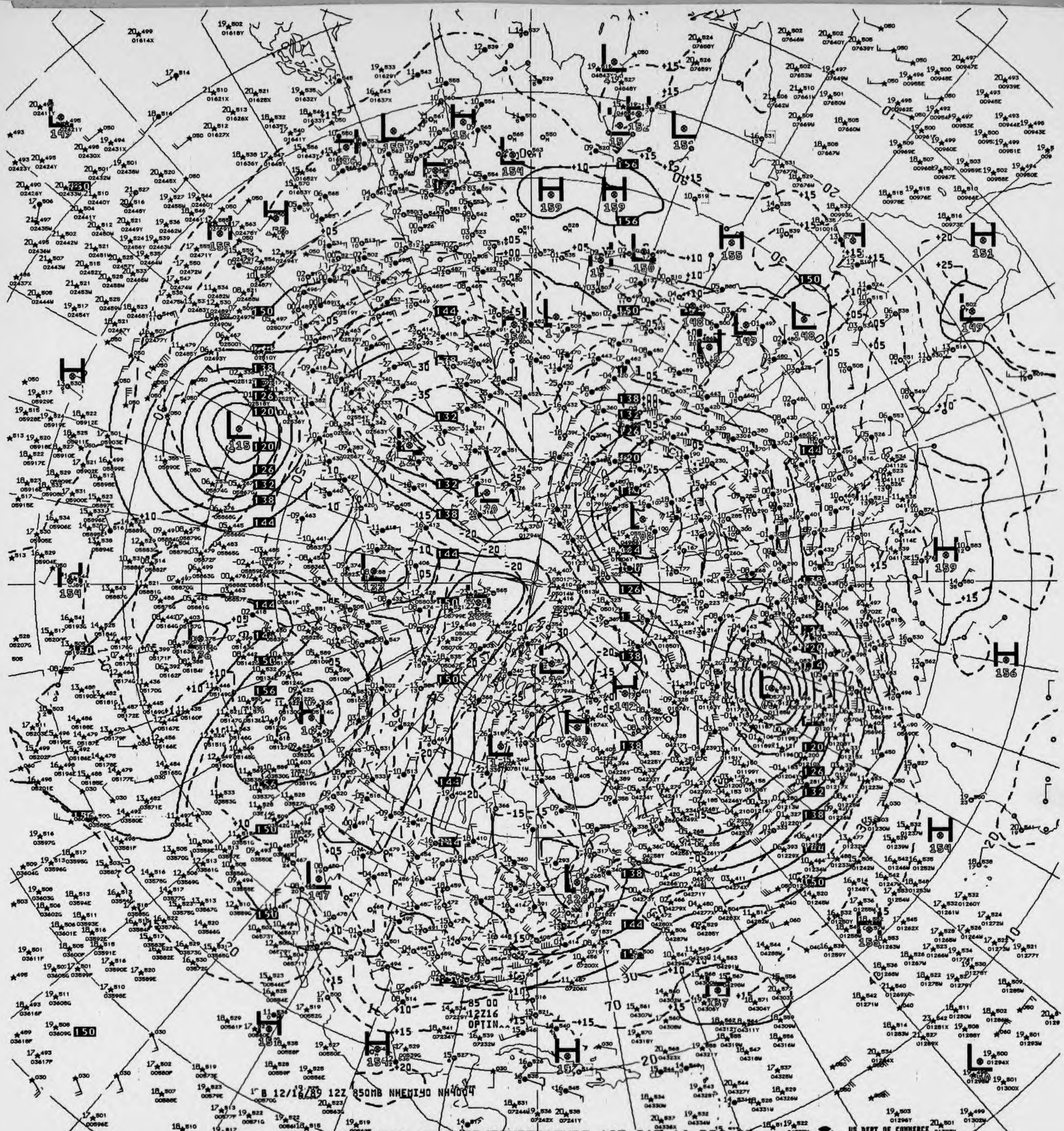
V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 15 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/16/89 00Z 850MB NHEMI40 NH4004
85 00
00Z16
OPTIN

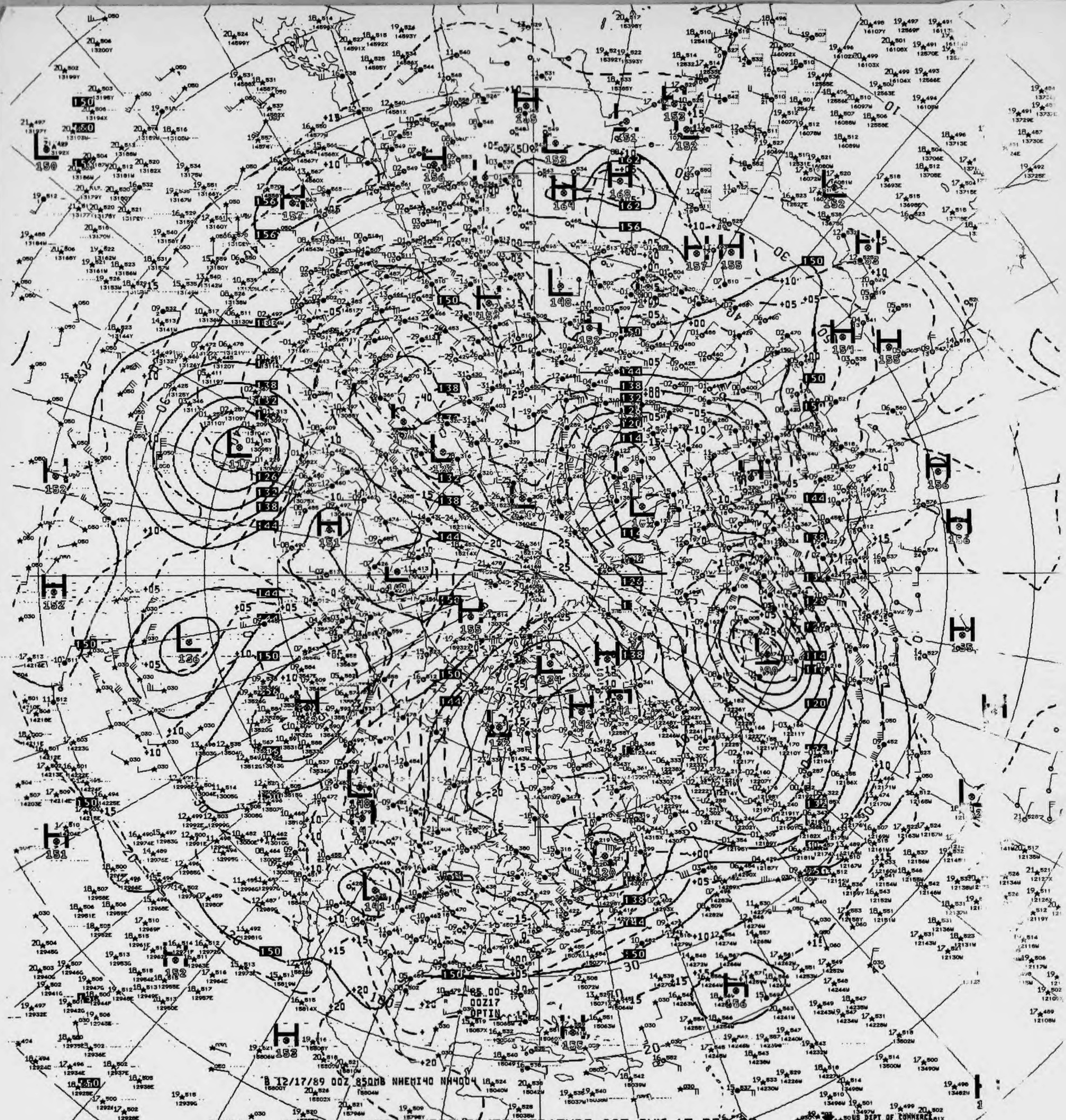
V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 16 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


85 00
12Z16
OPTIN^^
B 12/16/89 12Z 850MB NHEMI90 NH4004

V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 16 DEC 89

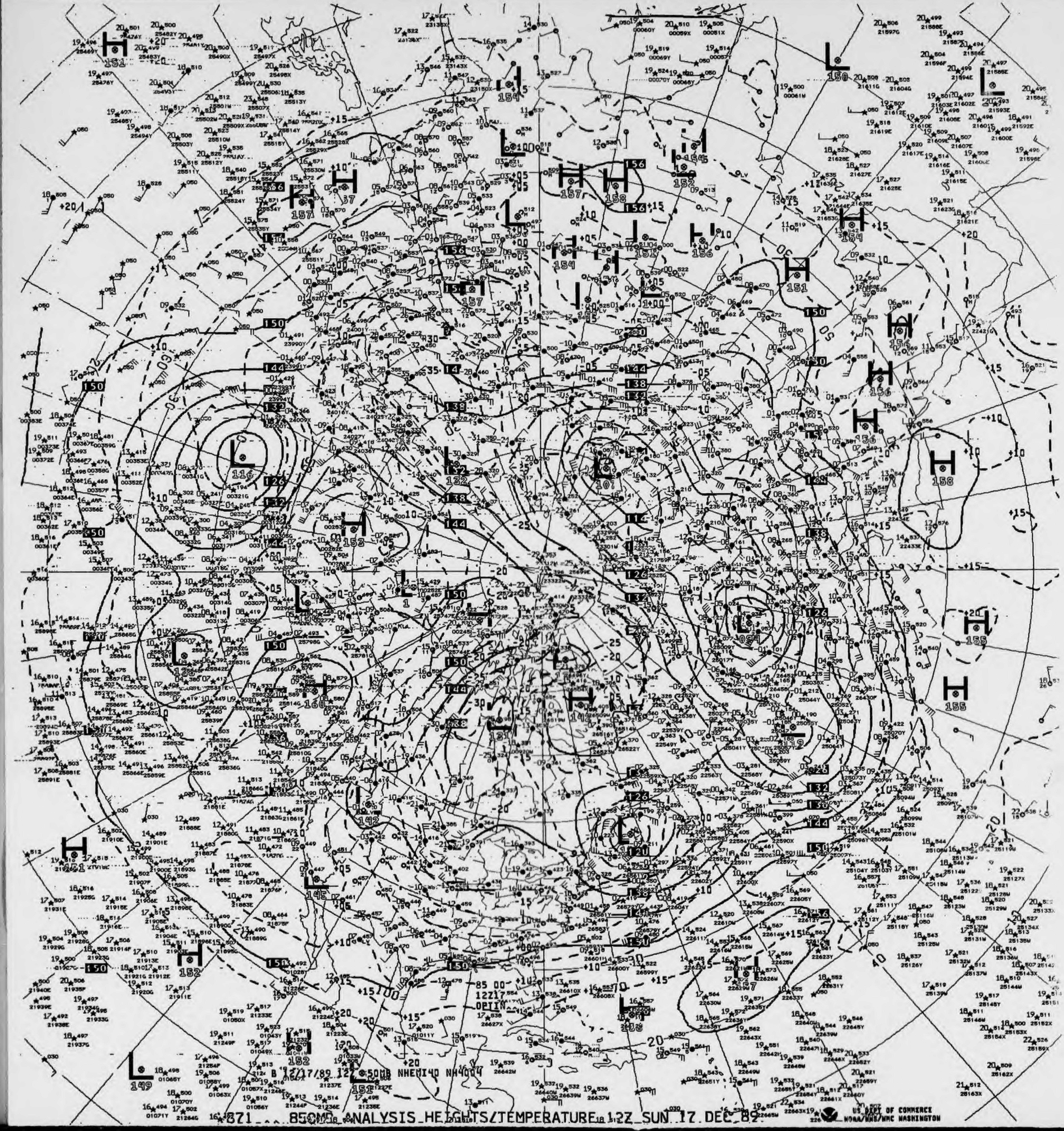
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



00Z17
OPTIN
8 12/17/89 00Z 850MB NHEMI40 NH4004

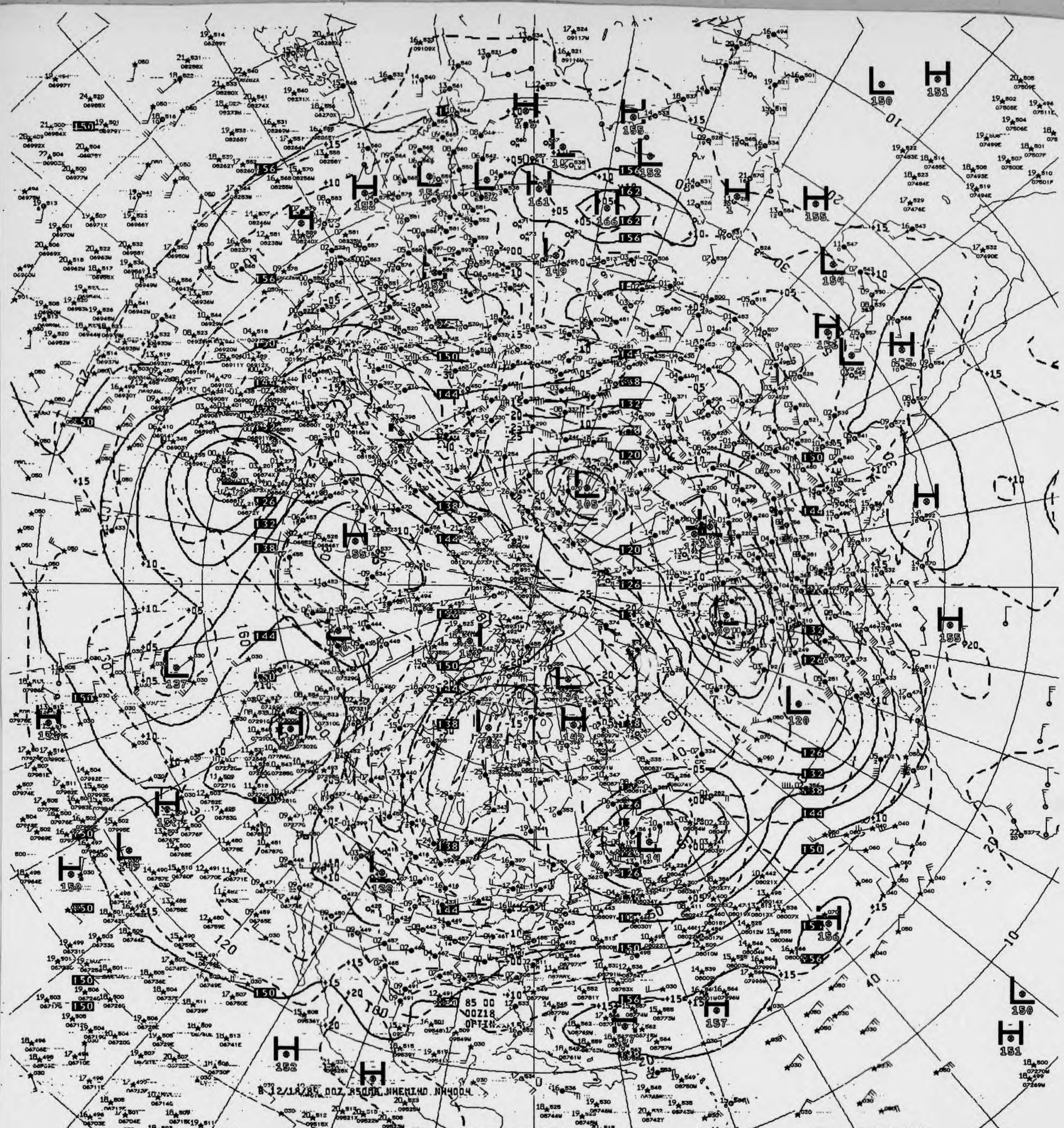
V821 ... 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 17 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


85 00
12Z17
OPTIN
B 12/17/89 12Z 850MB NHEMI40 NH4004

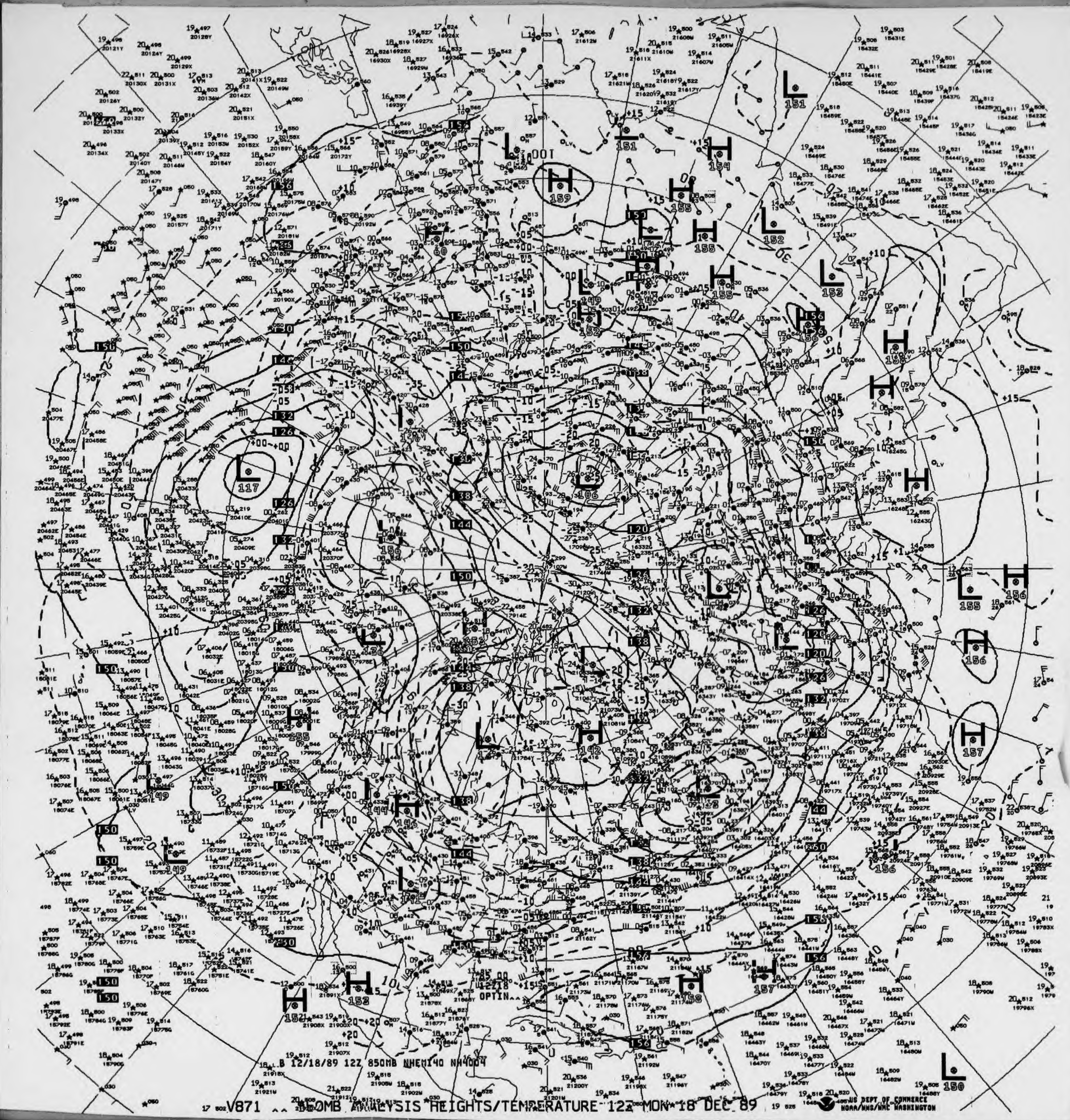
871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 17 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/18/89 00Z 850MB NHEMIHD NH4004
85 00
00Z18
OPTIN

V821 . . . 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 18 DEC 89

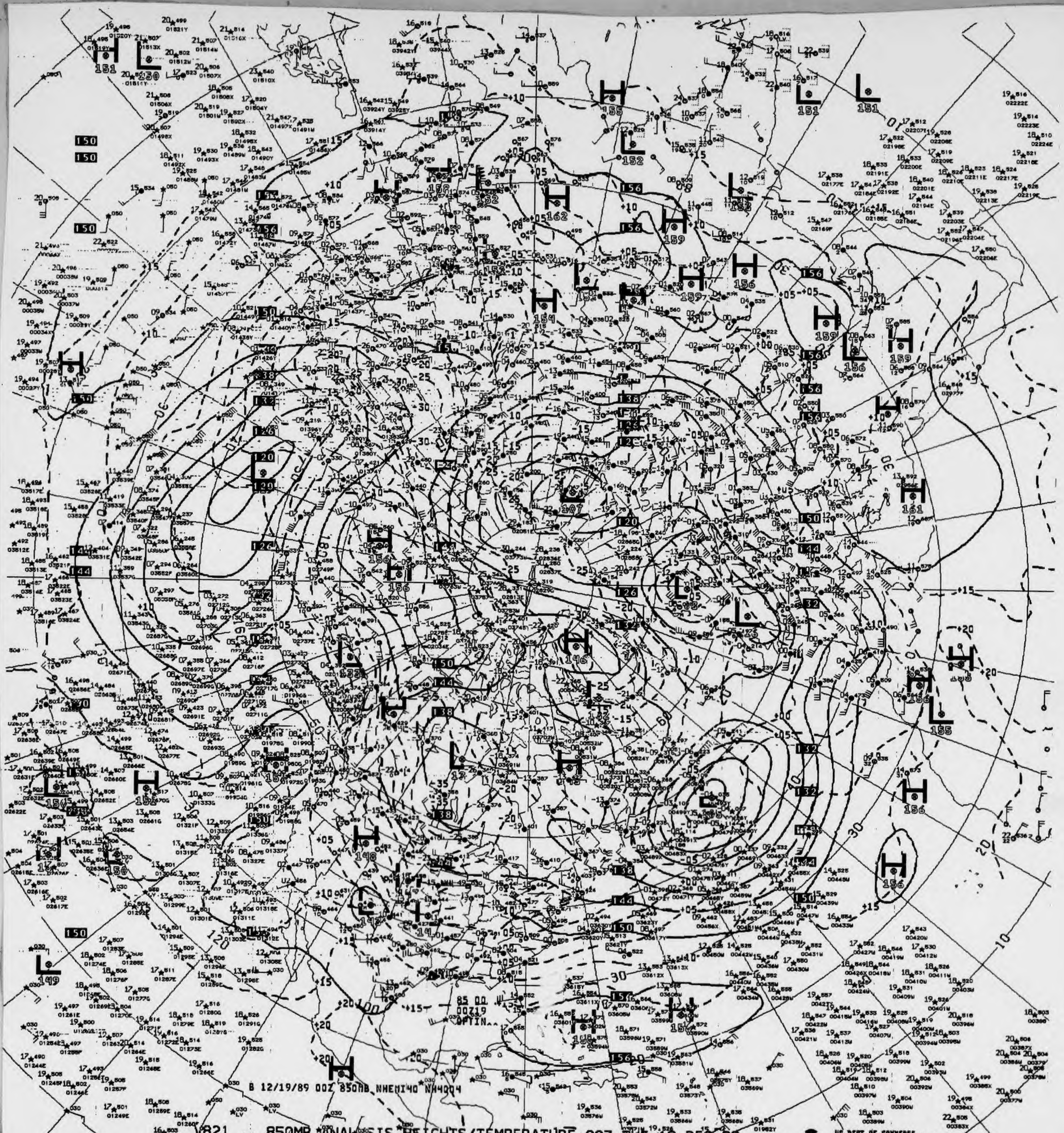
US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON



B 12/18/89 12Z 850MB NHEMI40 NH4004

V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 18 DEC 89

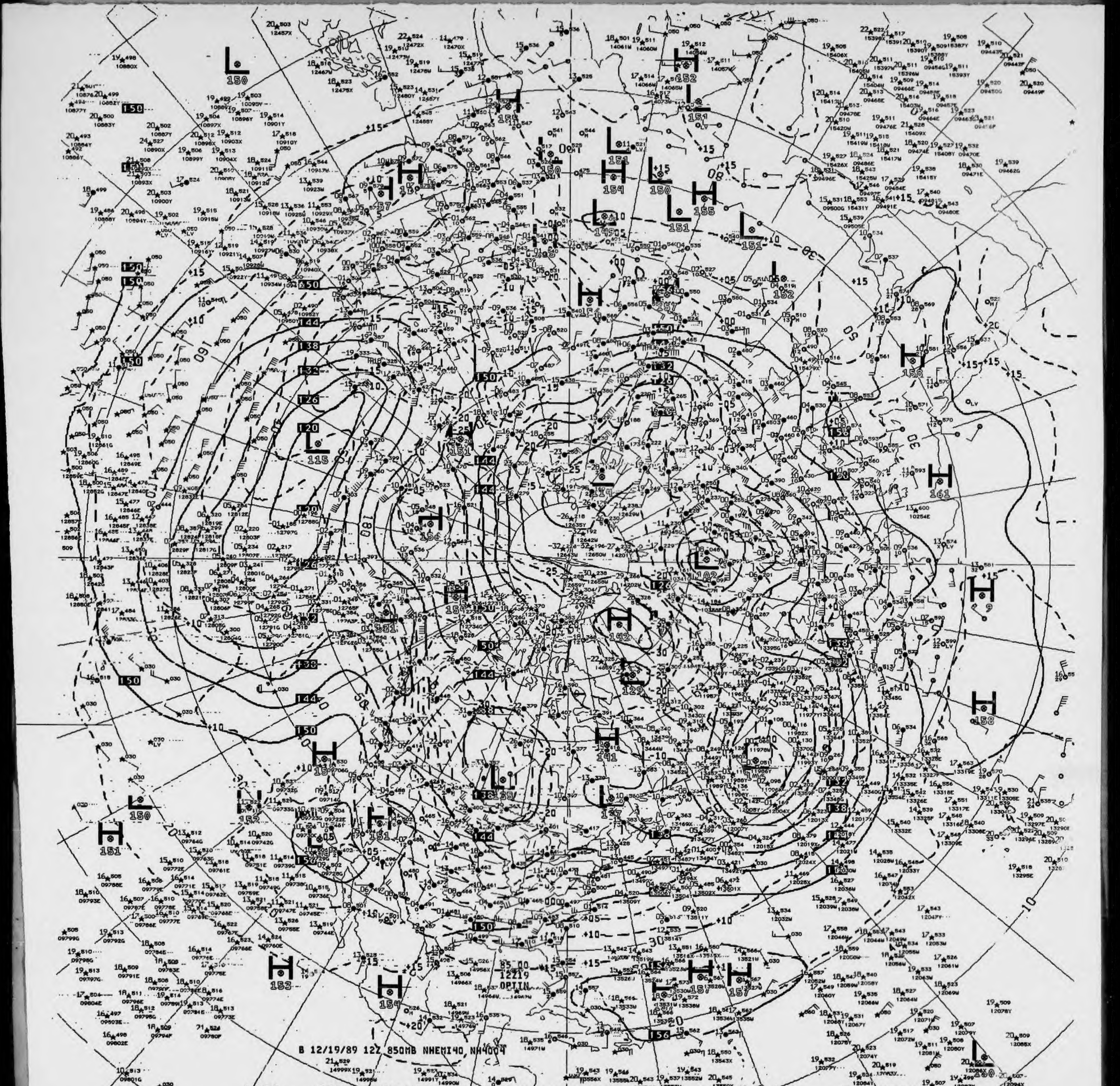
US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON



B 12/19/89 00Z 850MB NHEMI40 NH4004
85 00
00Z19
OPTIN
150
156
159
162
155
151
152
138
132
126
120
144
107
146

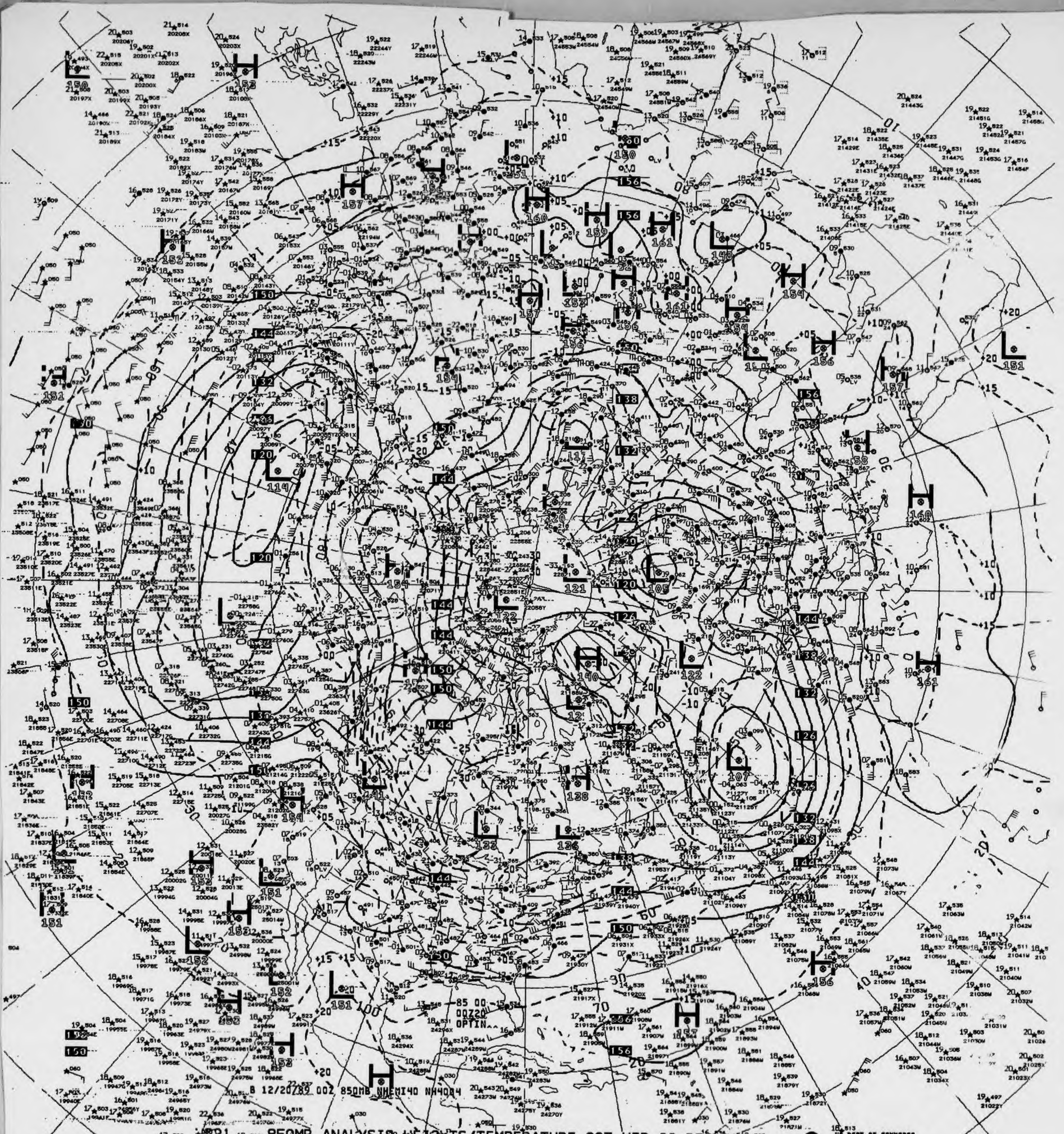
V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/19/89 12Z 850MB NHEMI40 NH4004
85 00
12219
OPTIN

V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/20/89 00Z 850MB NHEMI40 NH4084
85 00
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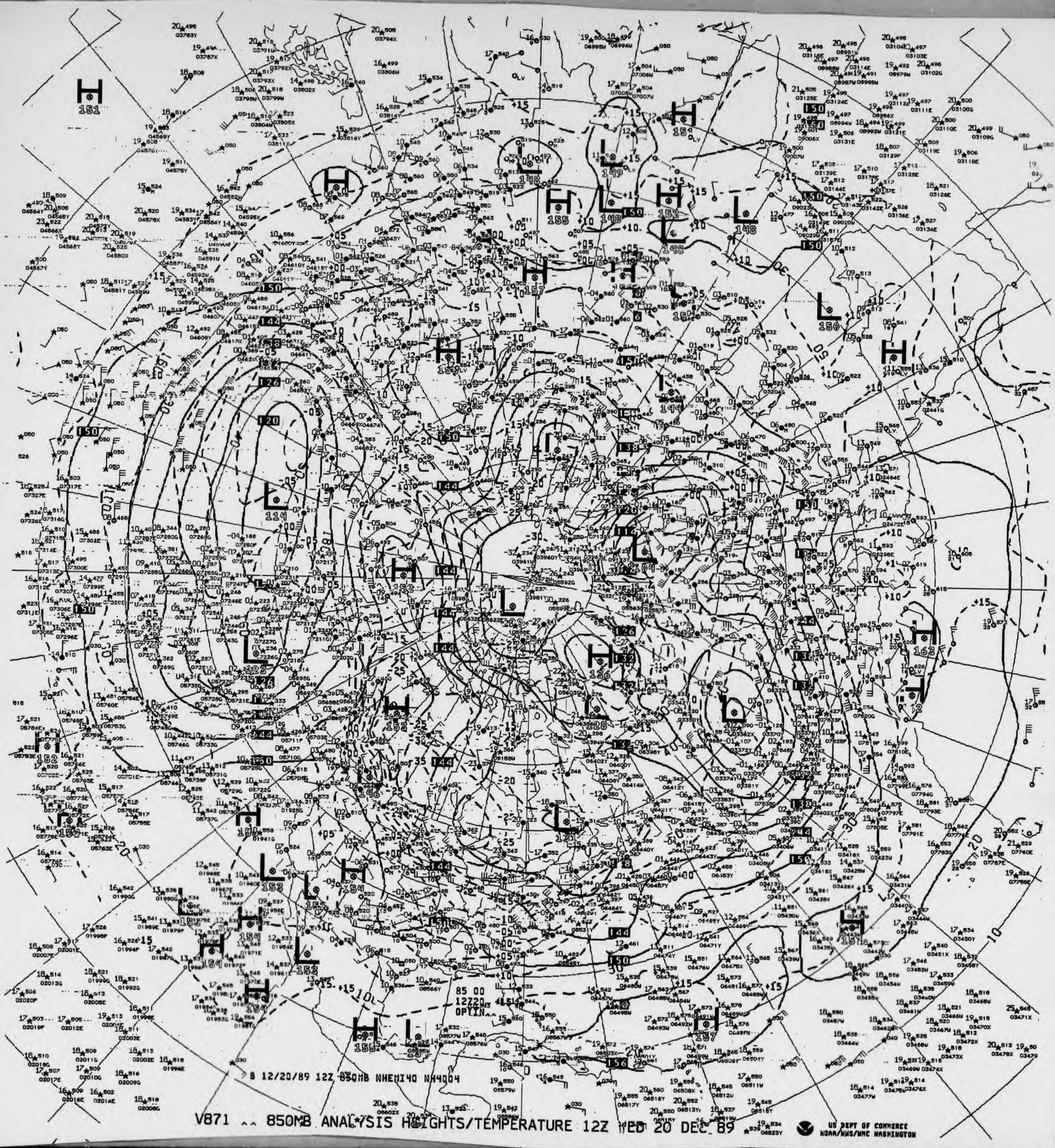
850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 20 DEC 89

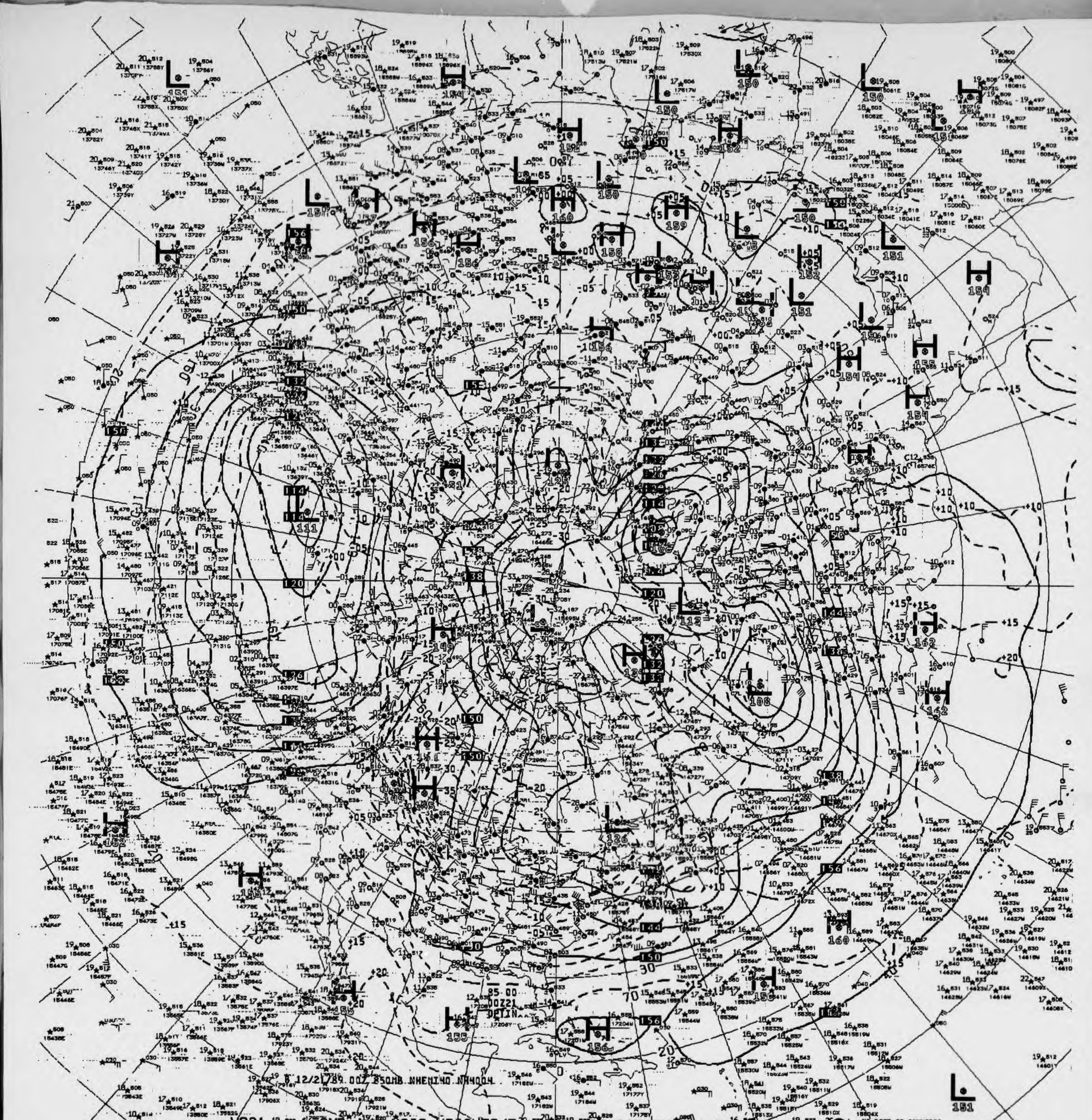
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


85 00
12Z20
OPTIN

B 12/20/89 12Z 850MB NHEMI40 NH4004

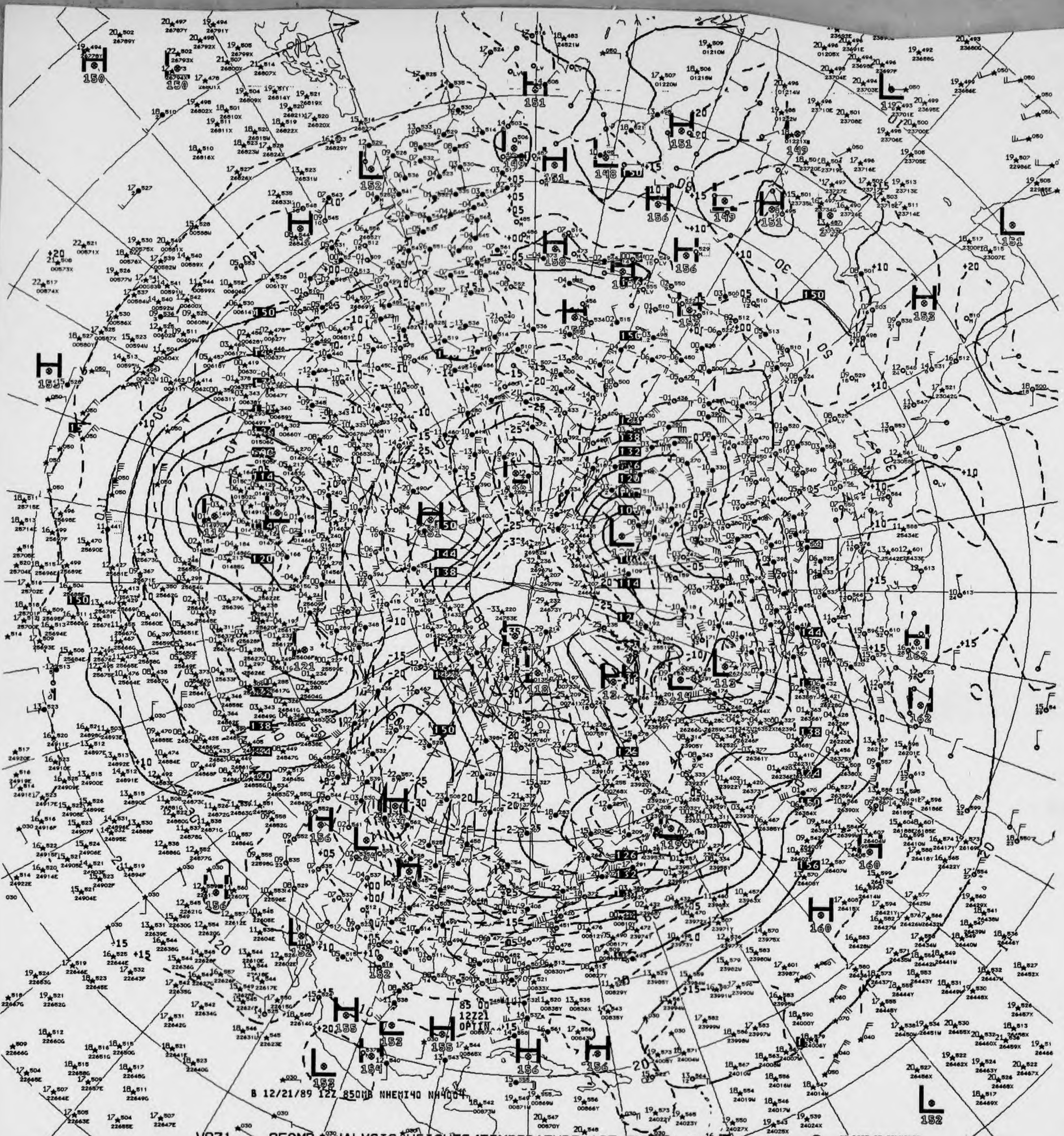
V871 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


8 12/21/89 00Z 850MB NHEMI40 NH4004

V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 21 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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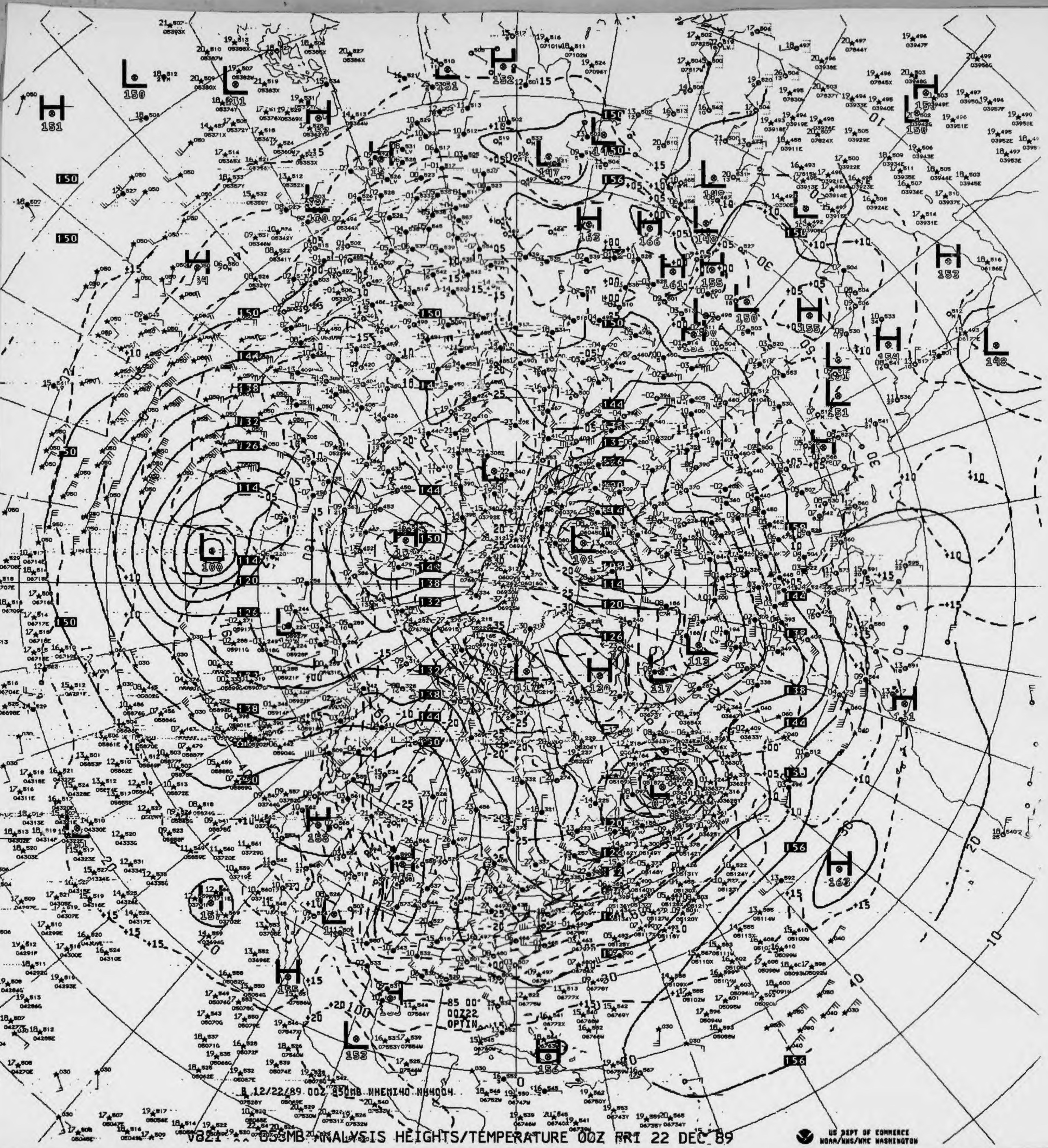
OPTIN

V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 21 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



V821 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 22 DEC 89

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00Z22
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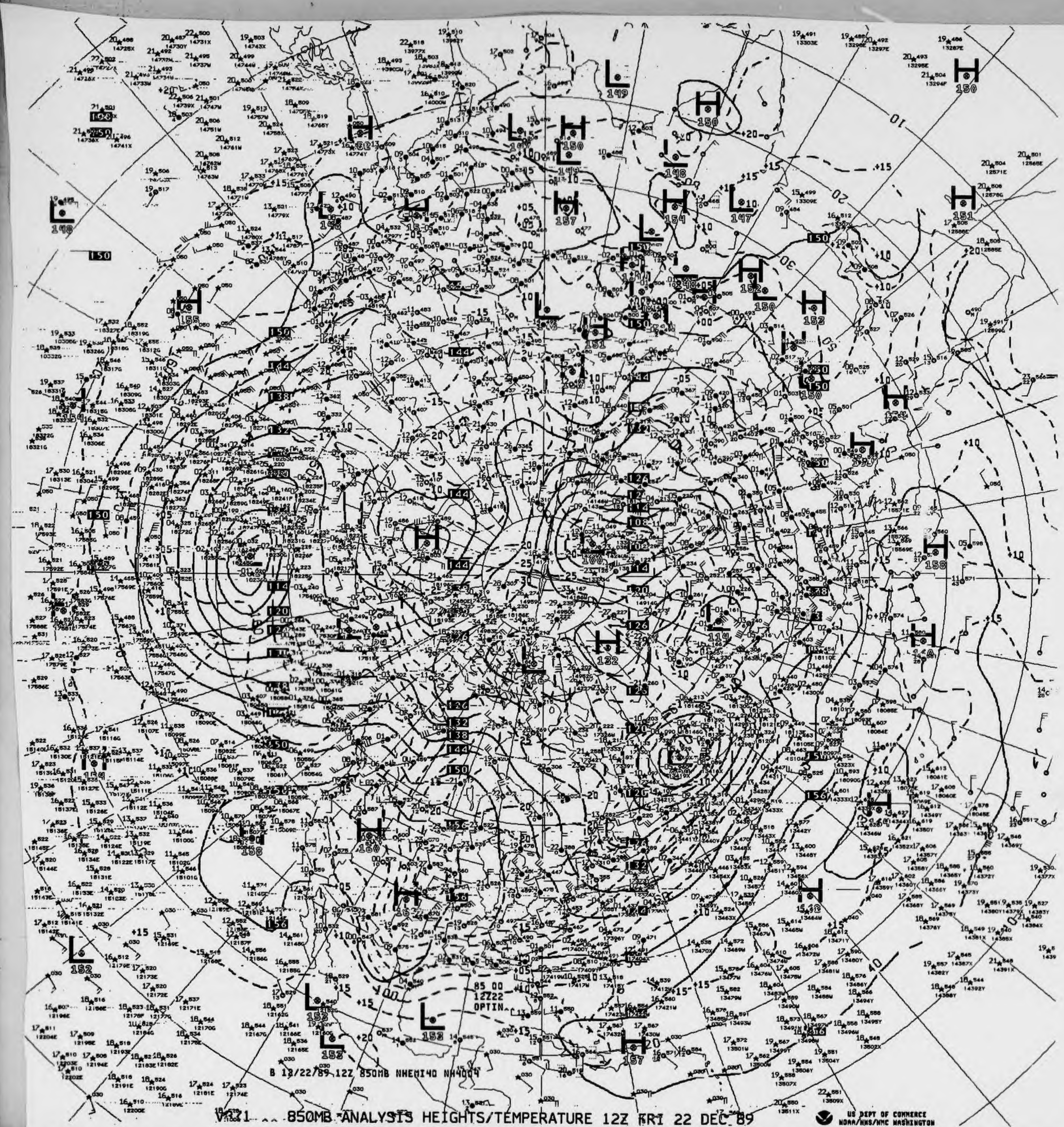
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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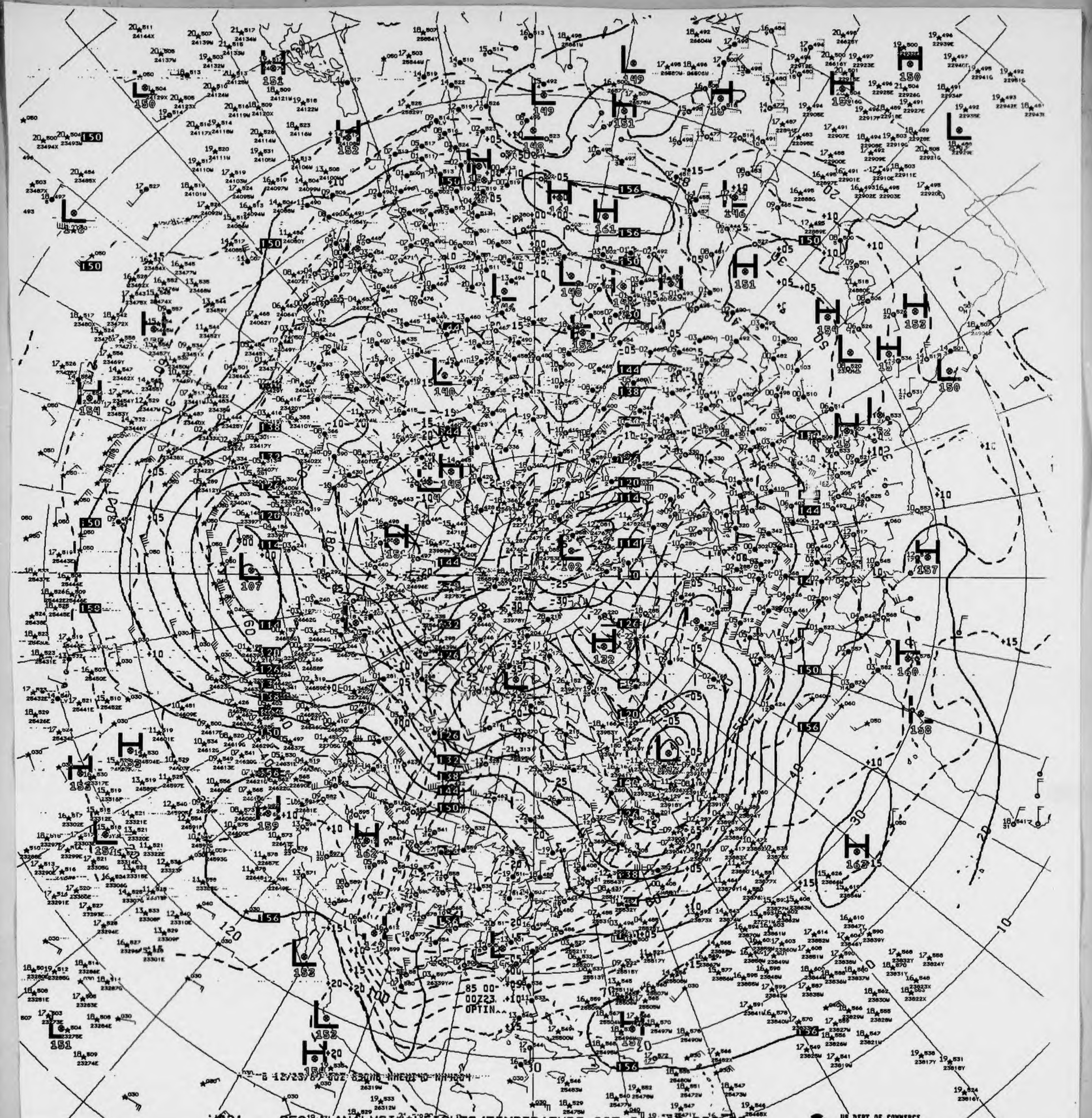
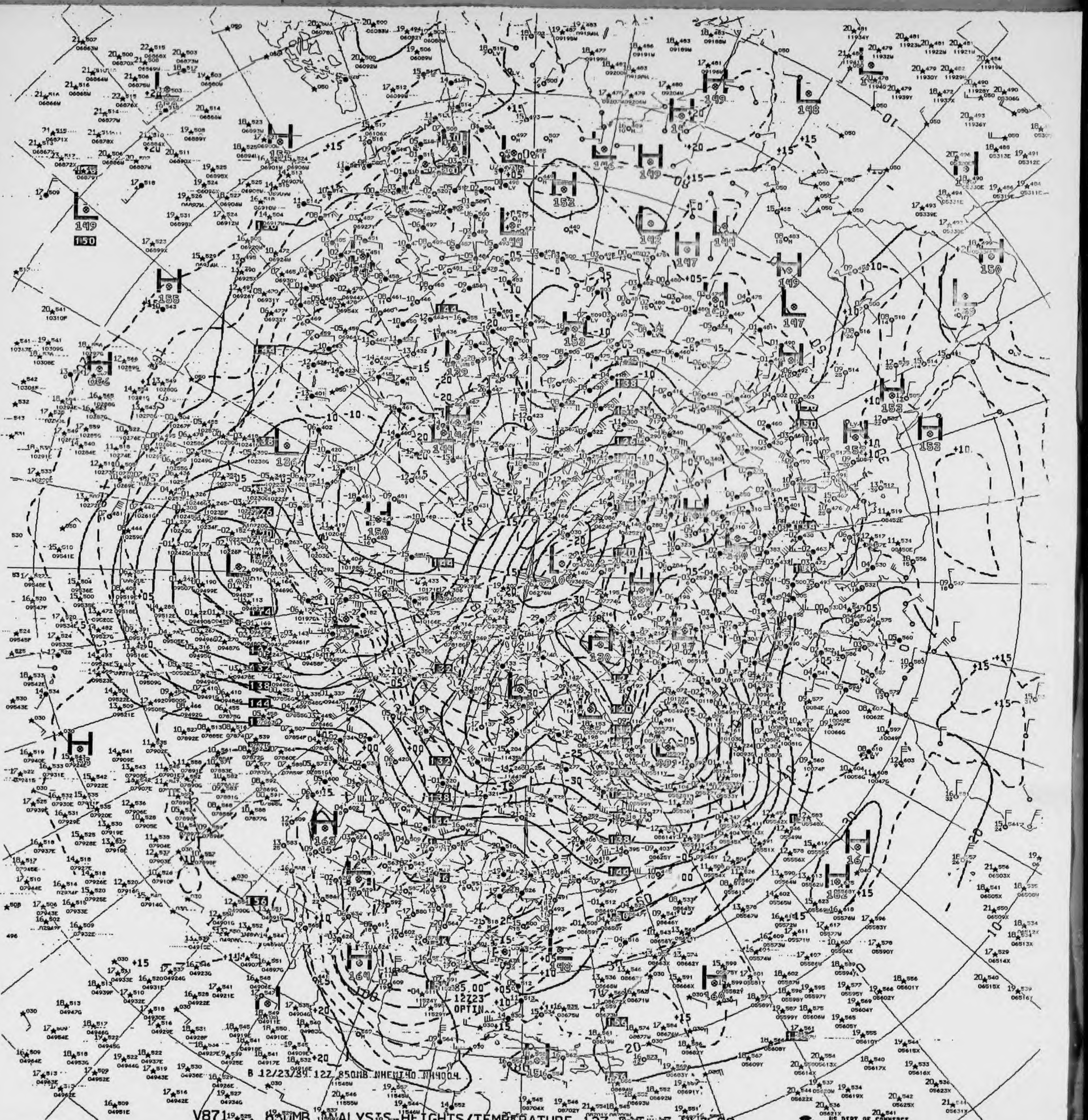
V 21 ... 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 22 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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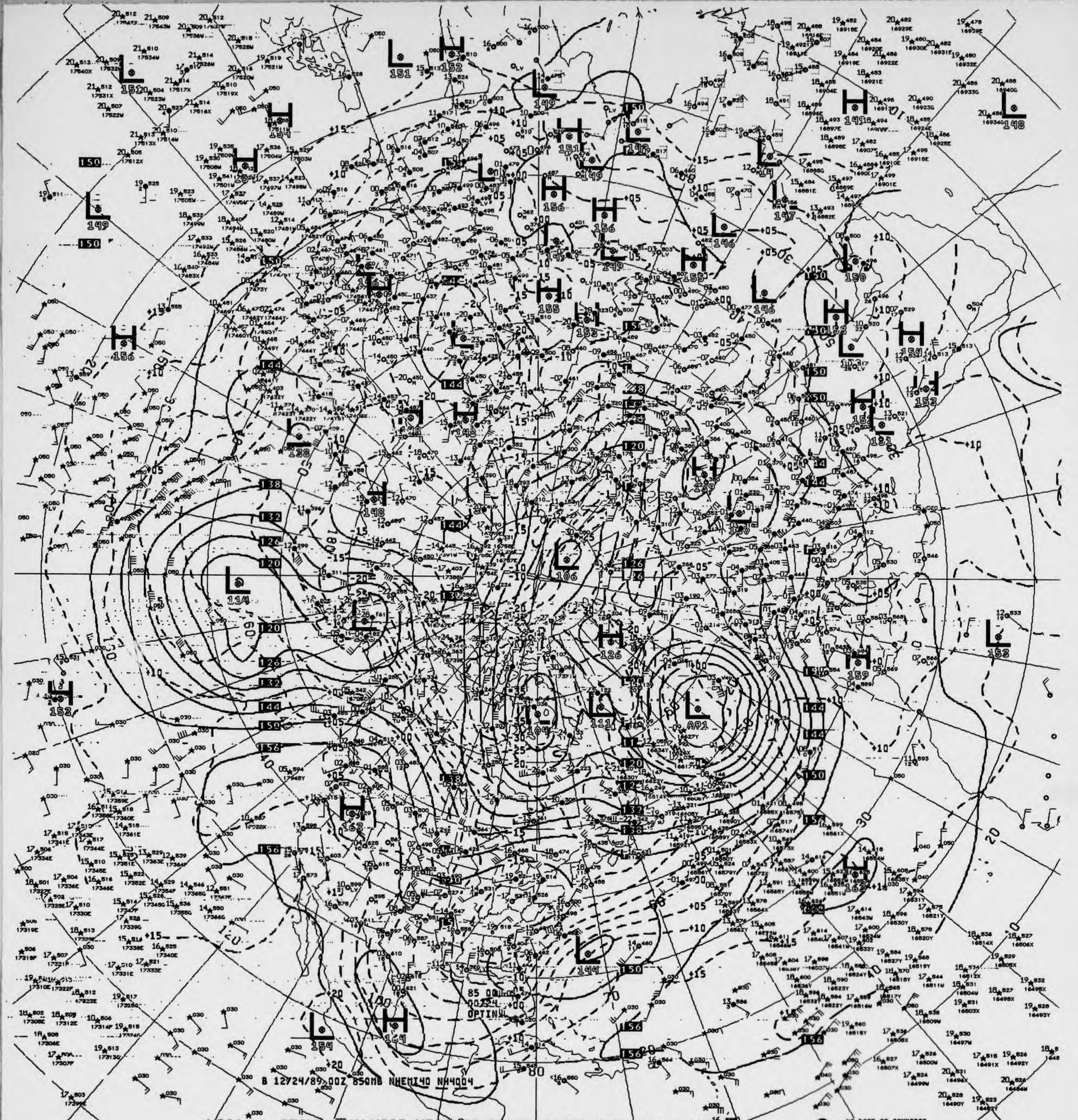
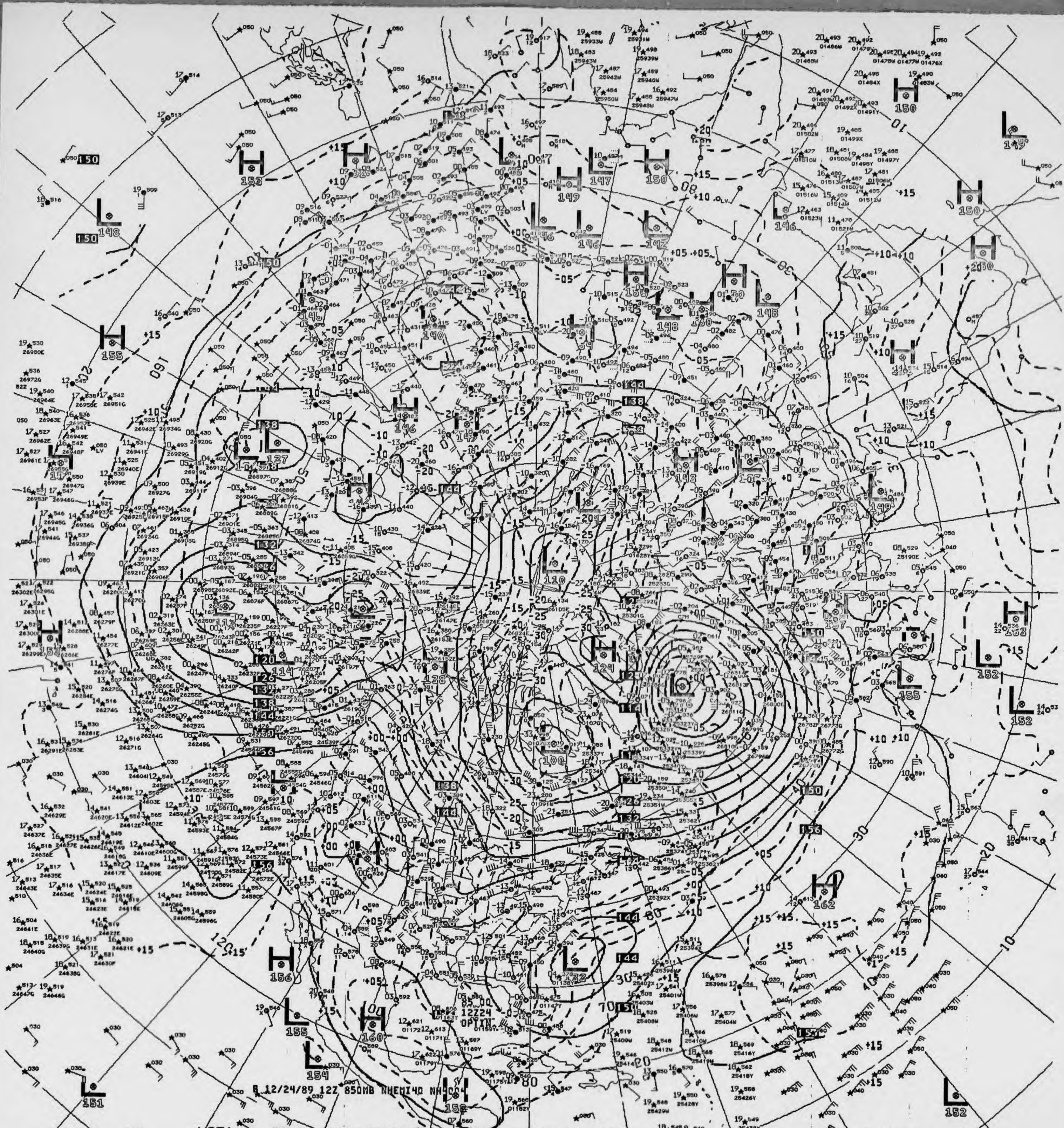
V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12724/89 00Z 850MB NHEMI40 NH4004
85 00
OPTIN

V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 24 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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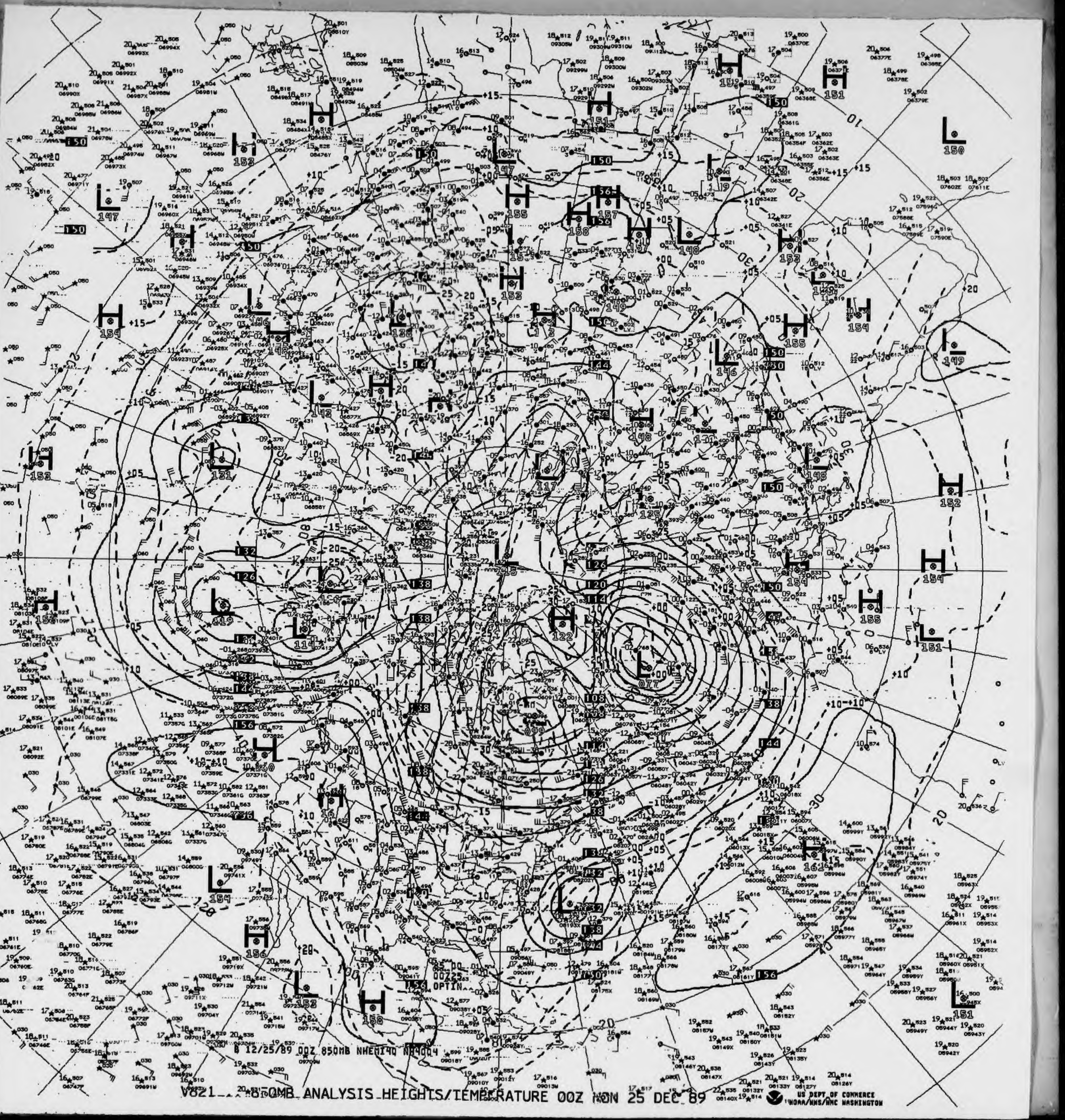
871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 24 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


8 12/25/89 00Z 850MB NHEMI4Q NA4004
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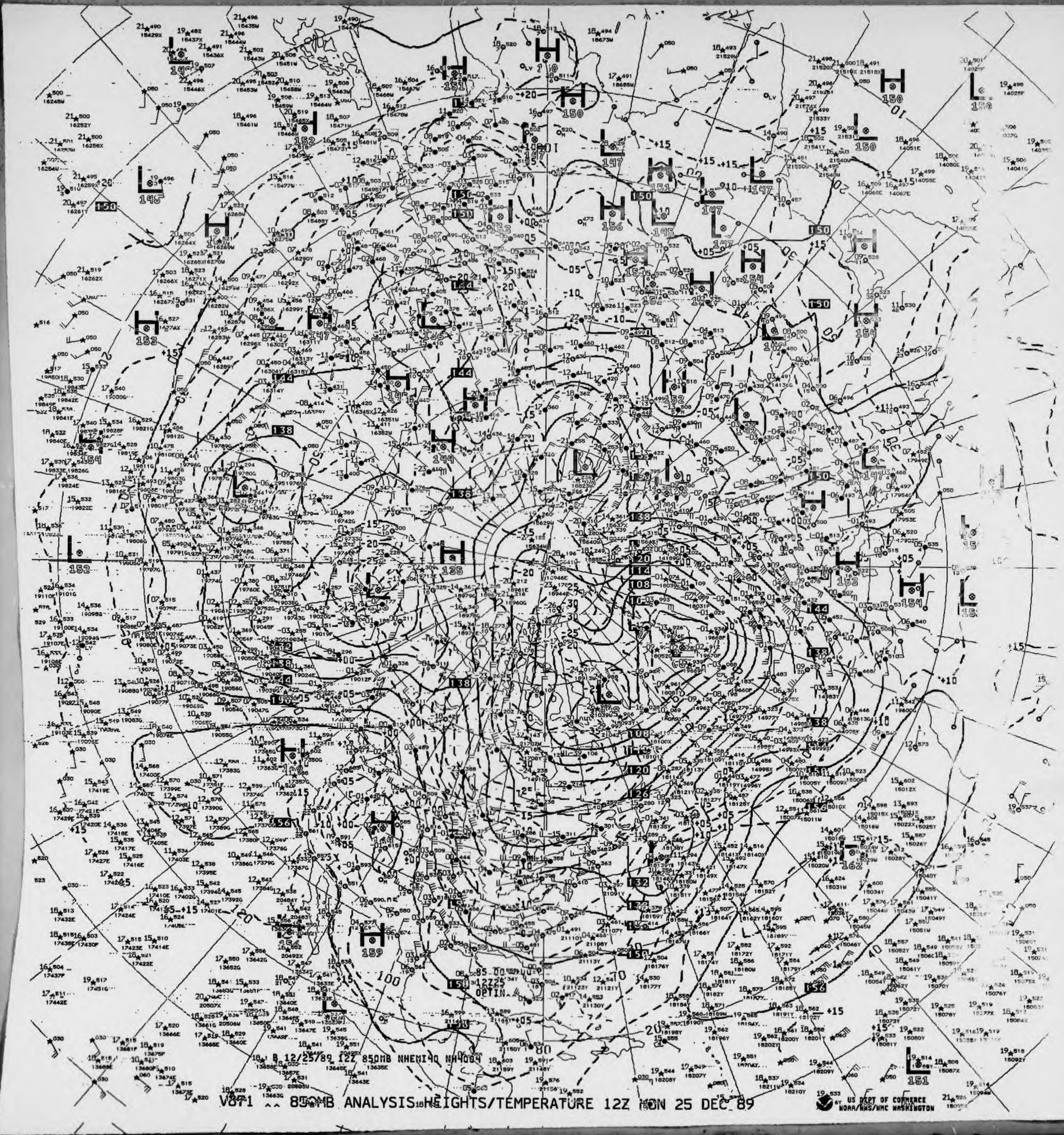
V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 25 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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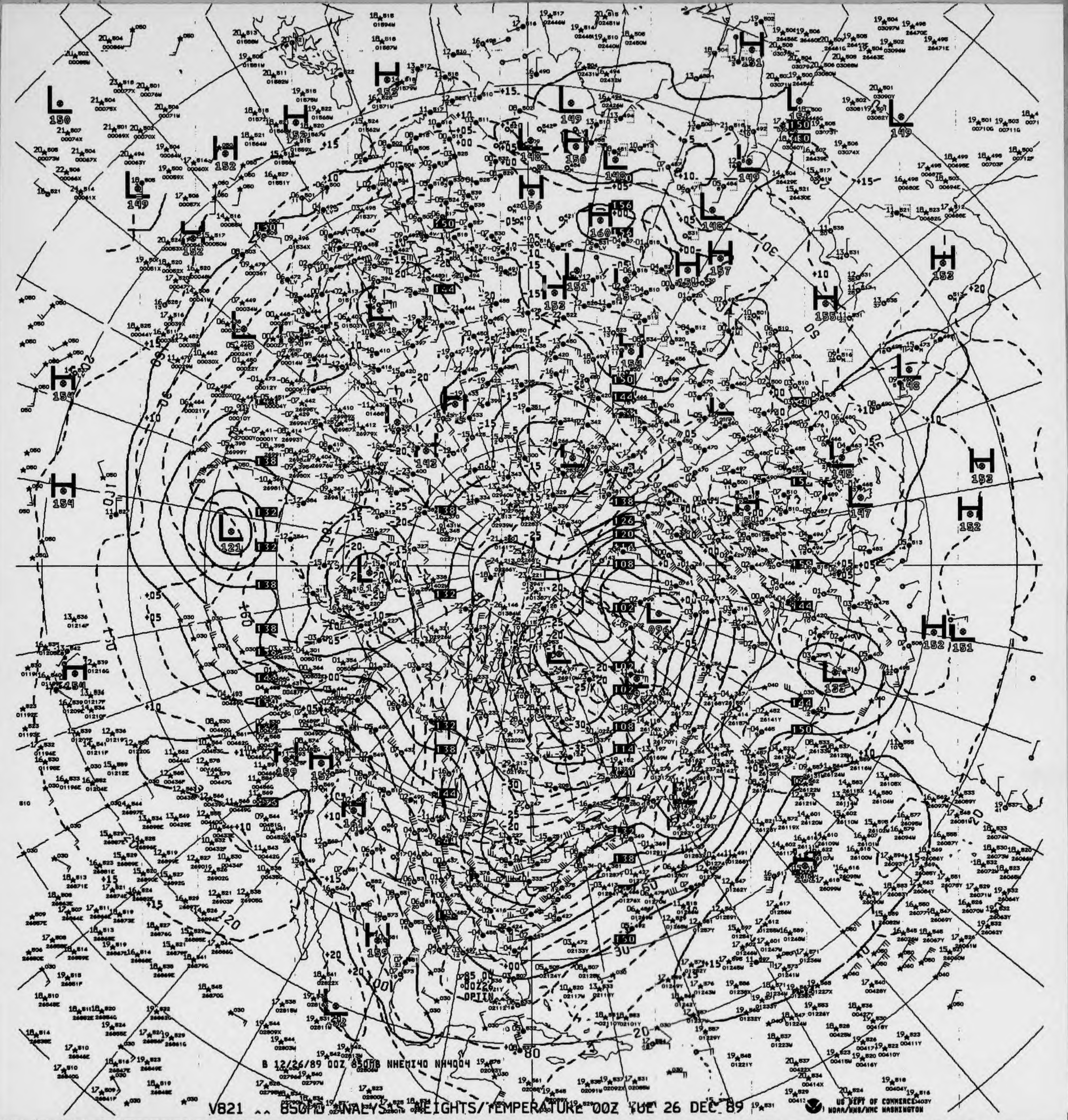
US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON

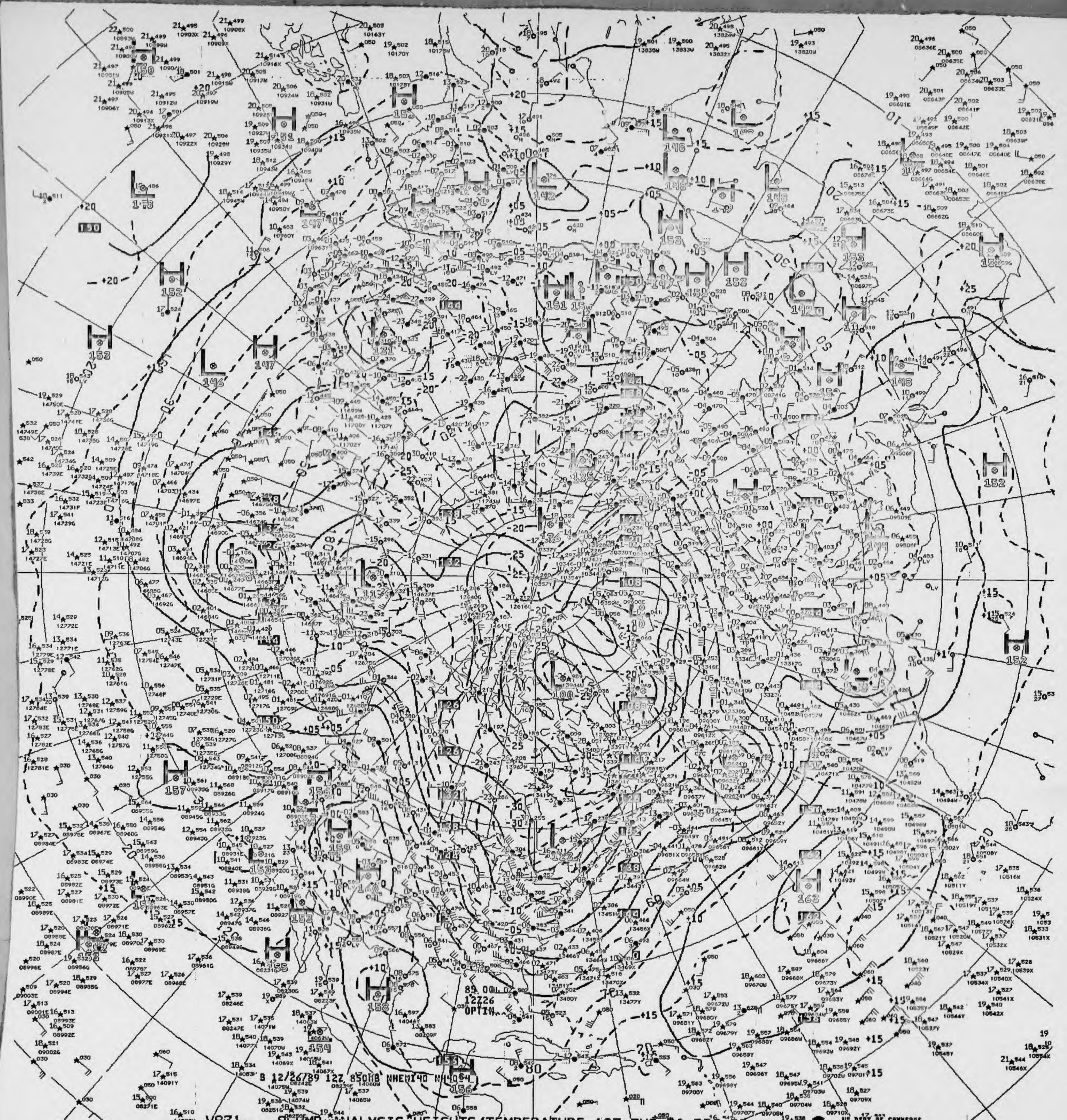
V071 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 25 DEC 89



B 12/26/89 00Z 850MB NHEMI40 NH4004

V821 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 26 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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850 MB
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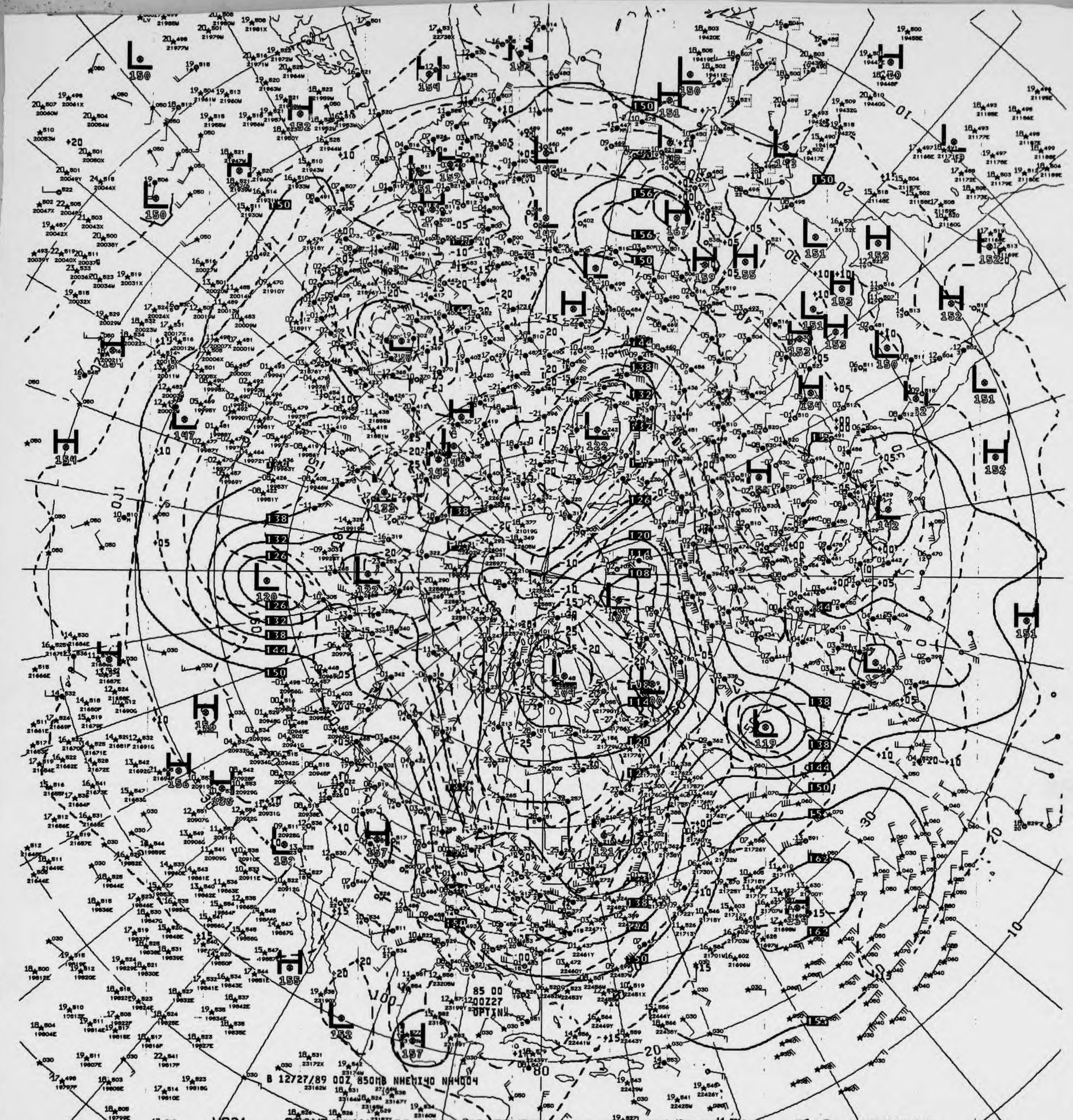
V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 26 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/27/89 00Z 850MB NHEMI40 NH4004
85 00
00Z27
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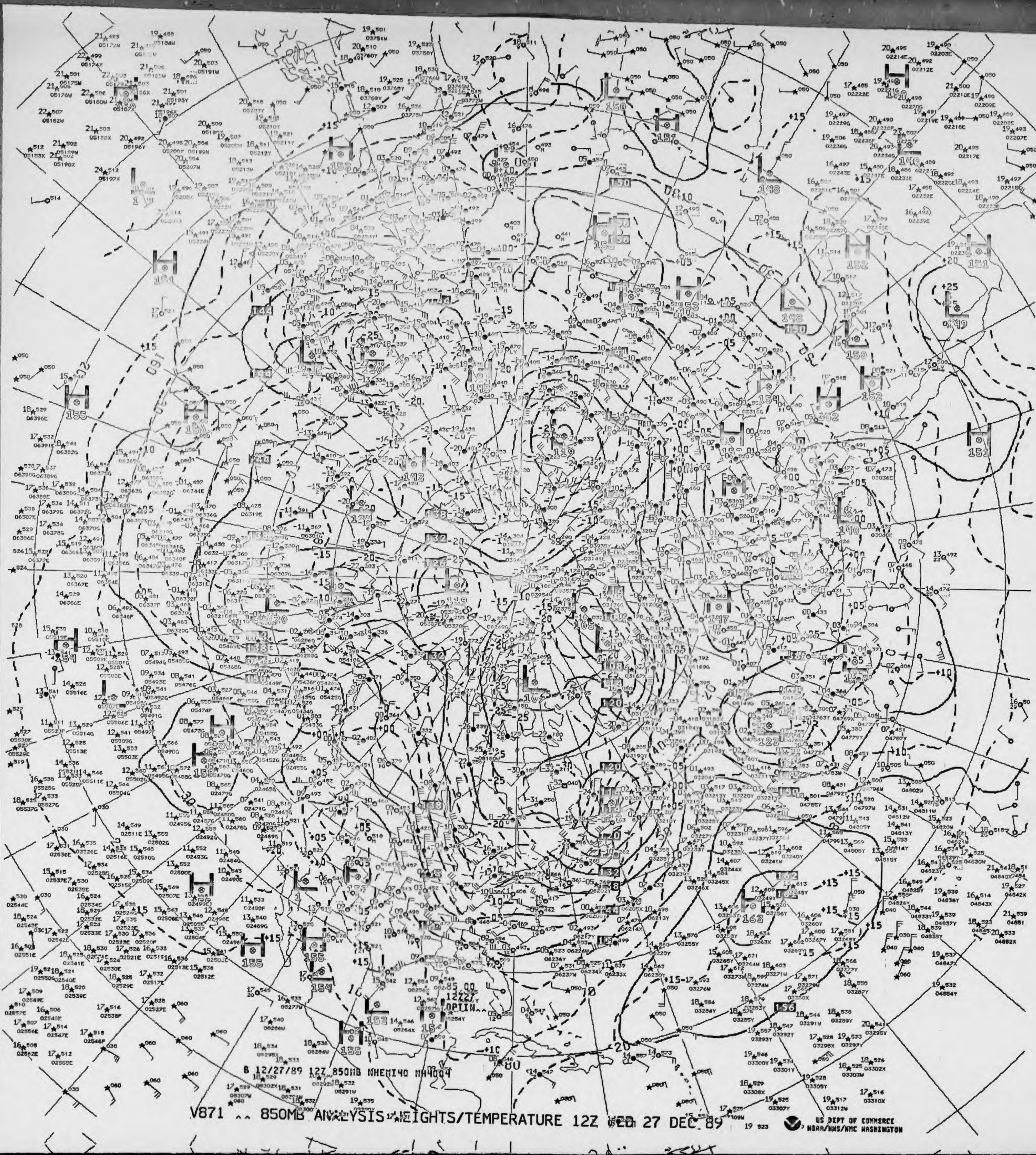
V821 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 27 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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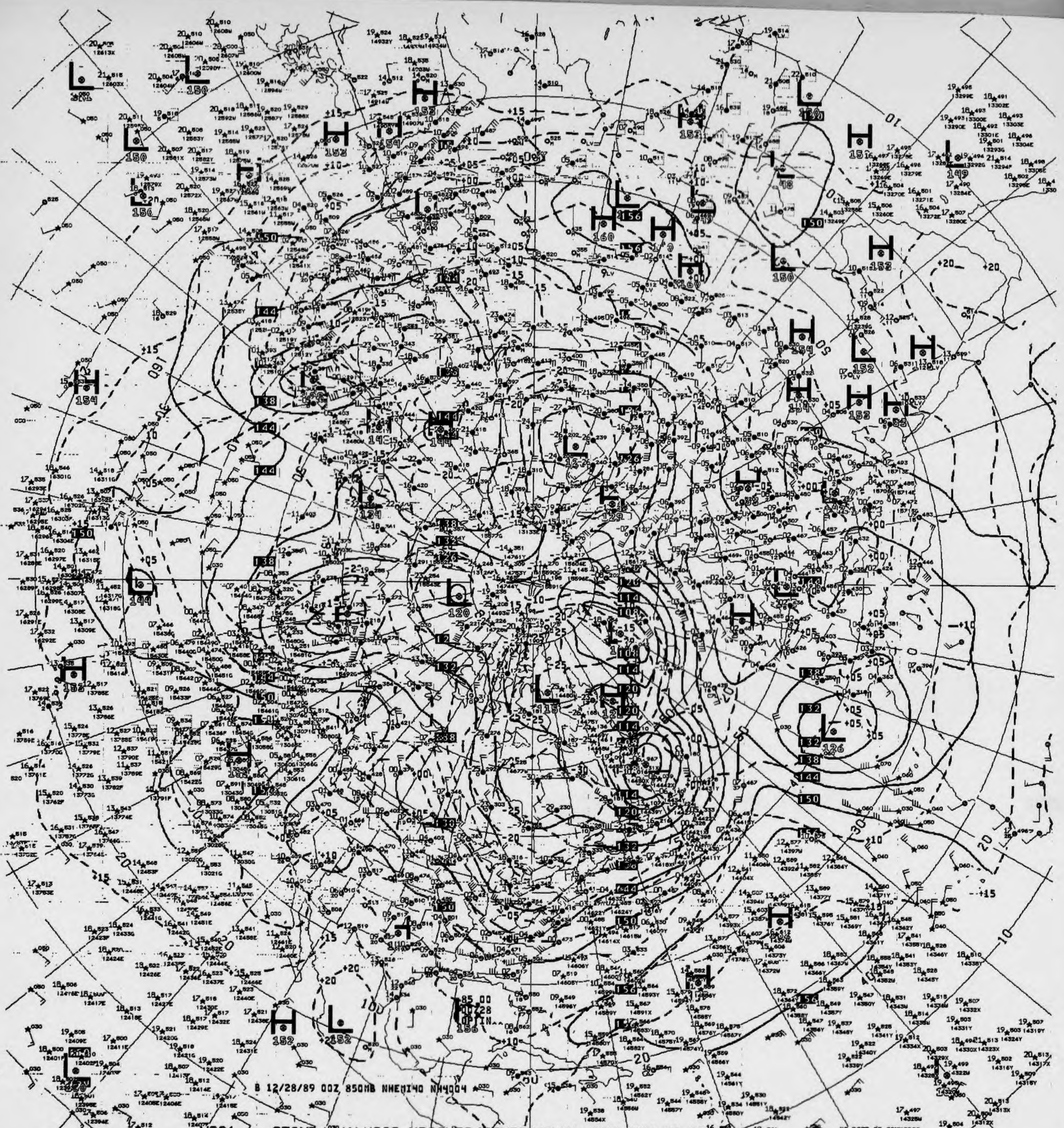
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

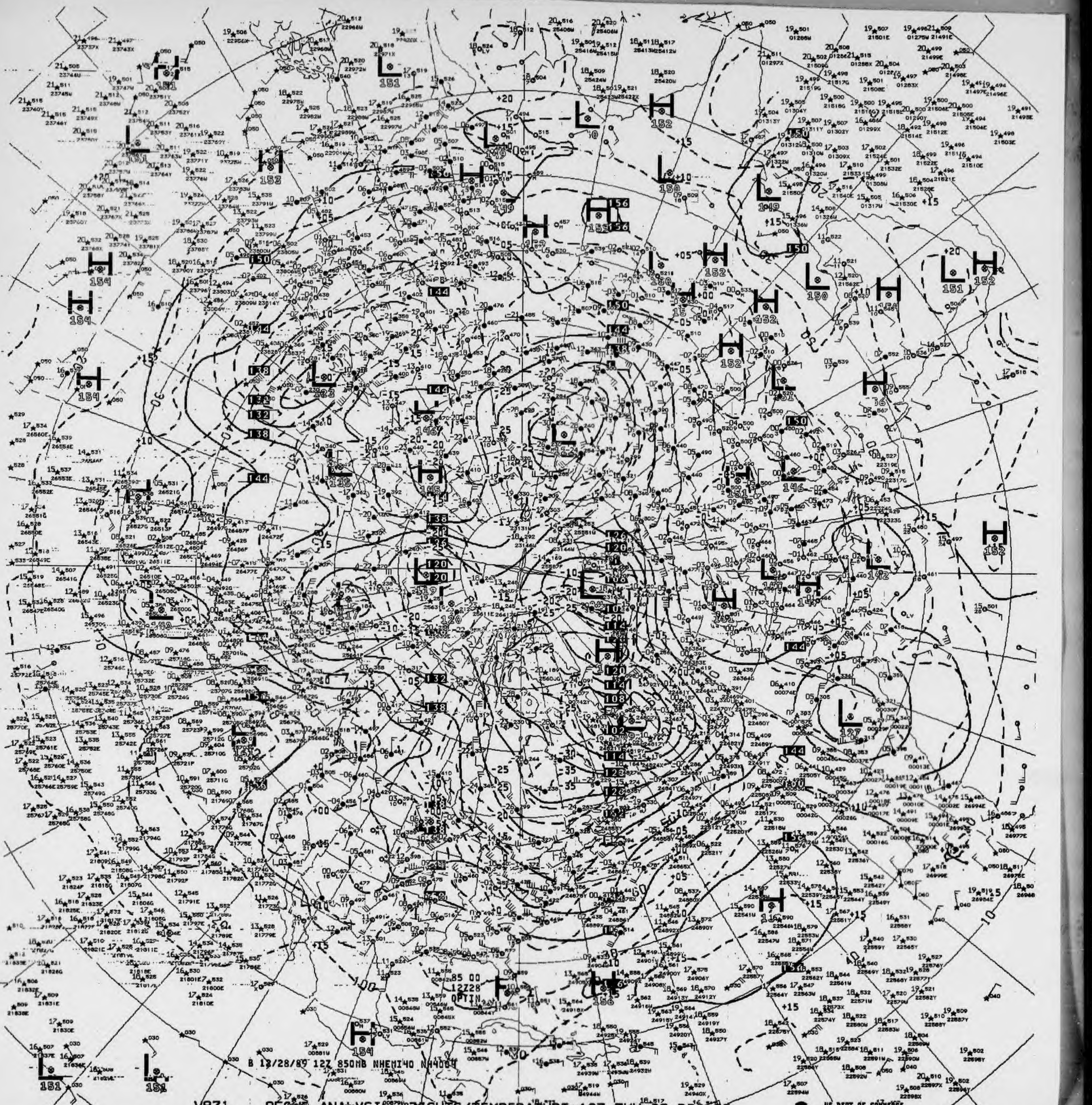
V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 27 DEC 89



B 12/28/89 00Z 850MB NHEMI40 NH4004

V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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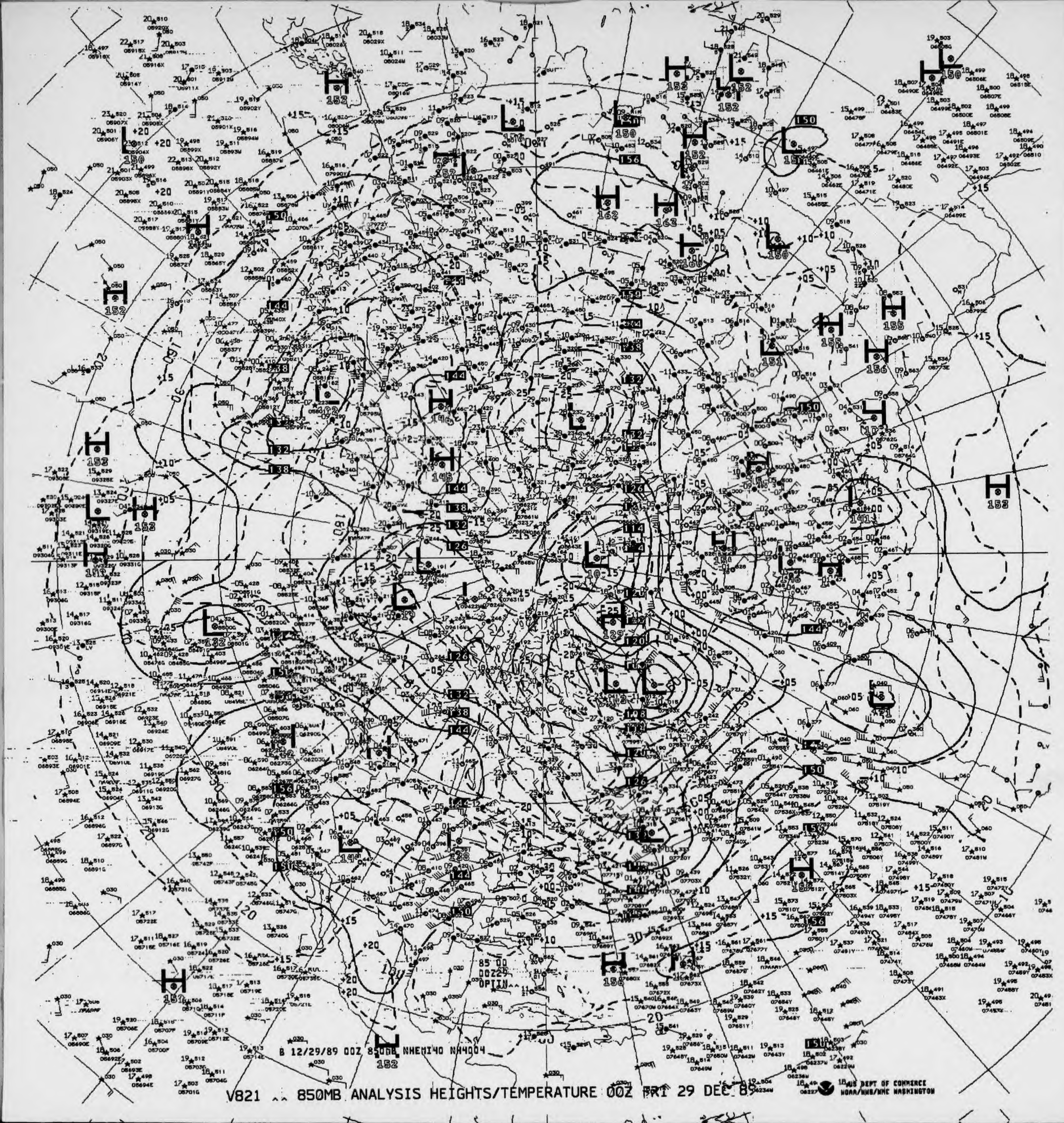
V871 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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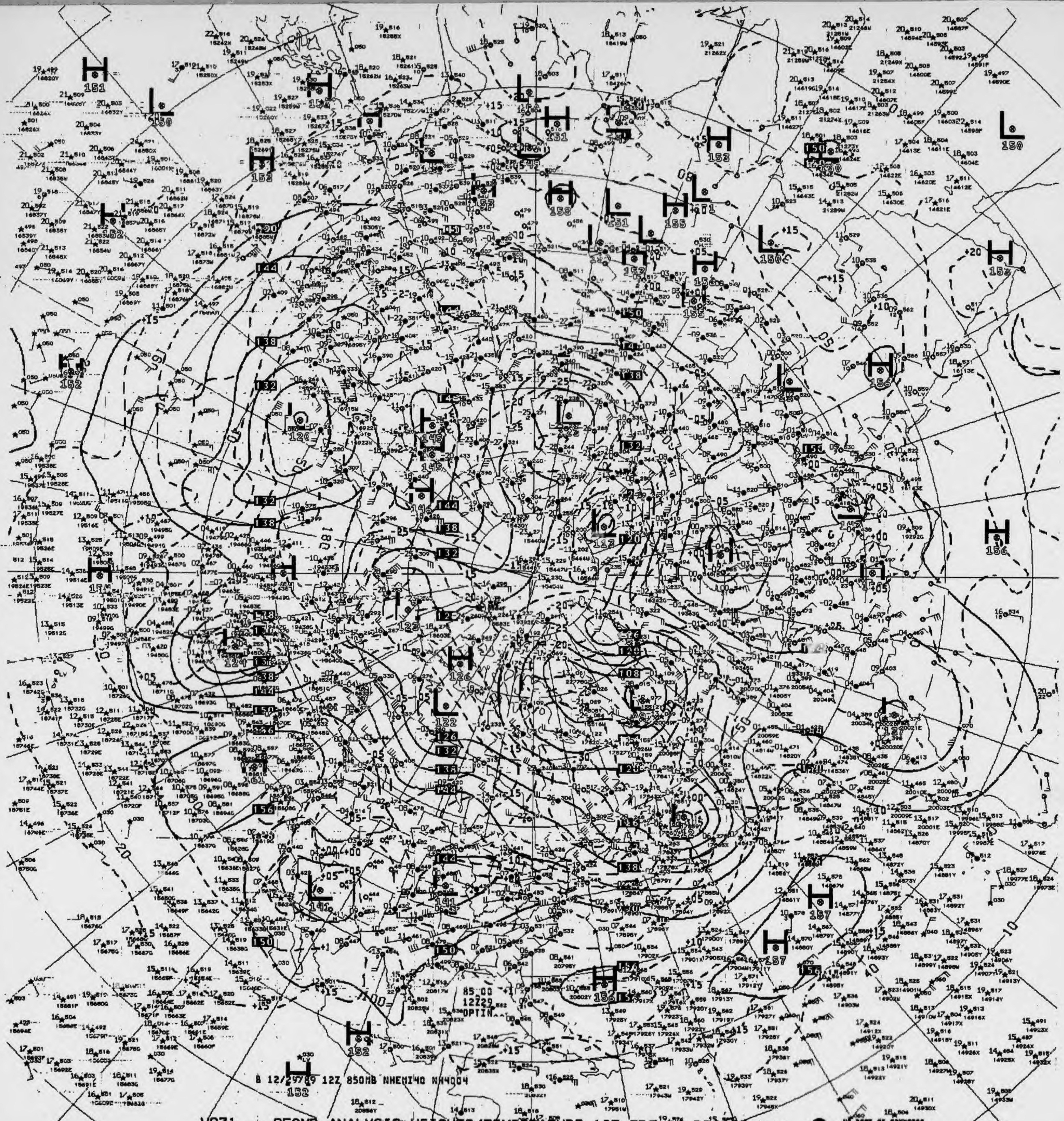
V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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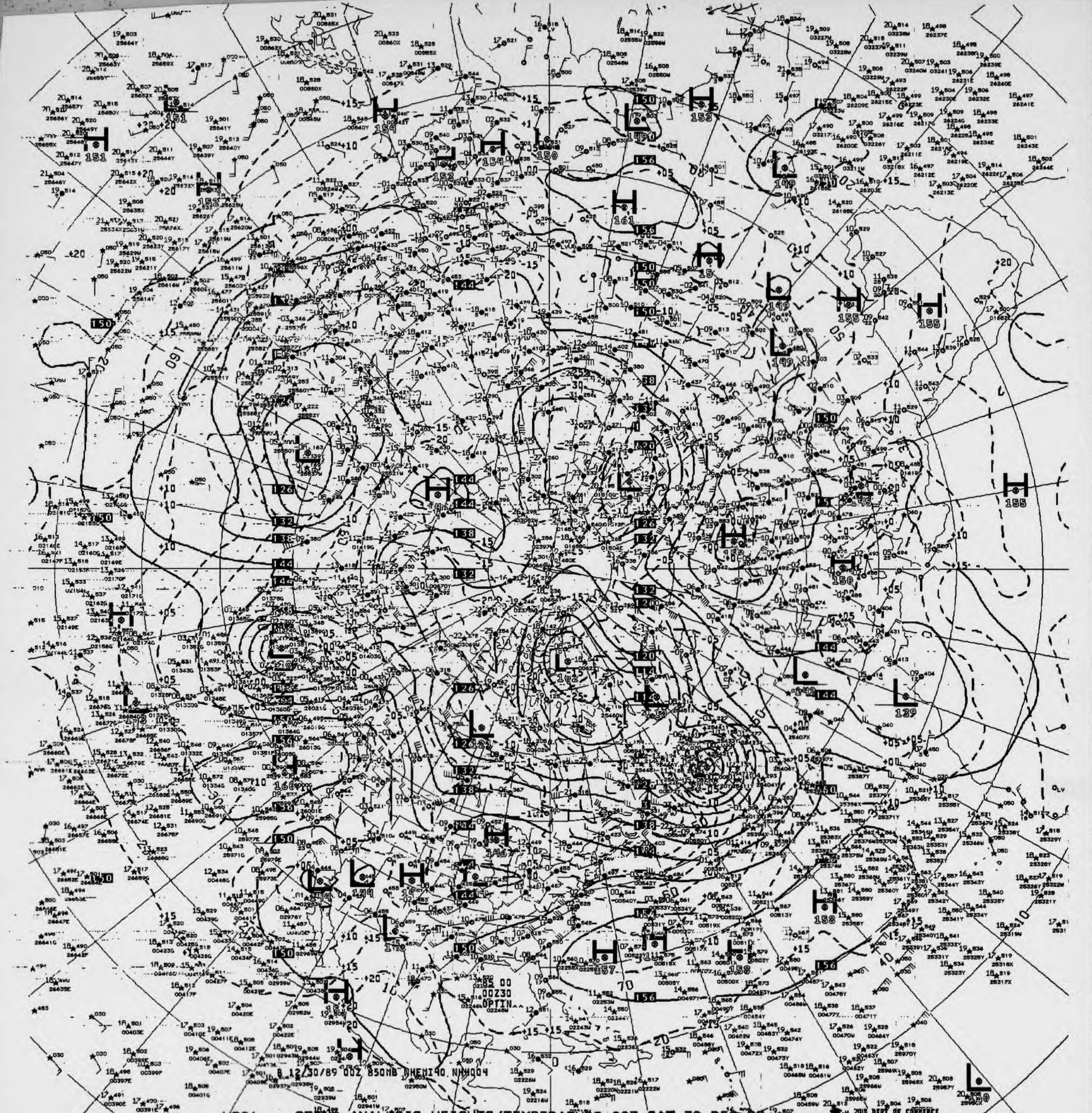
12Z29
OPTIN
B 12/29/89 12Z 850MB NHEMI40 NH4004

V871 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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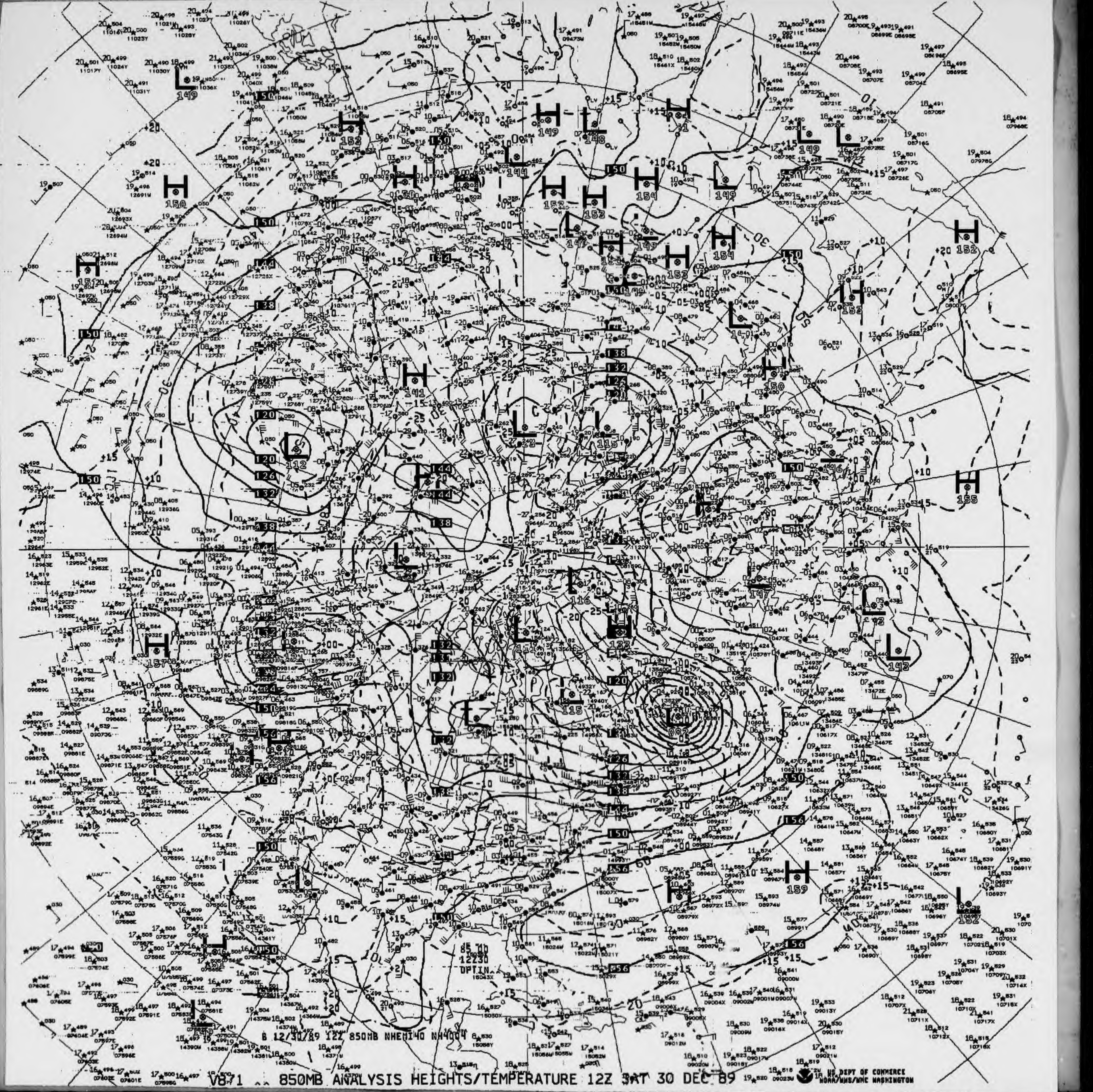
OPTIN

V821 ... 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC-WASHINGTON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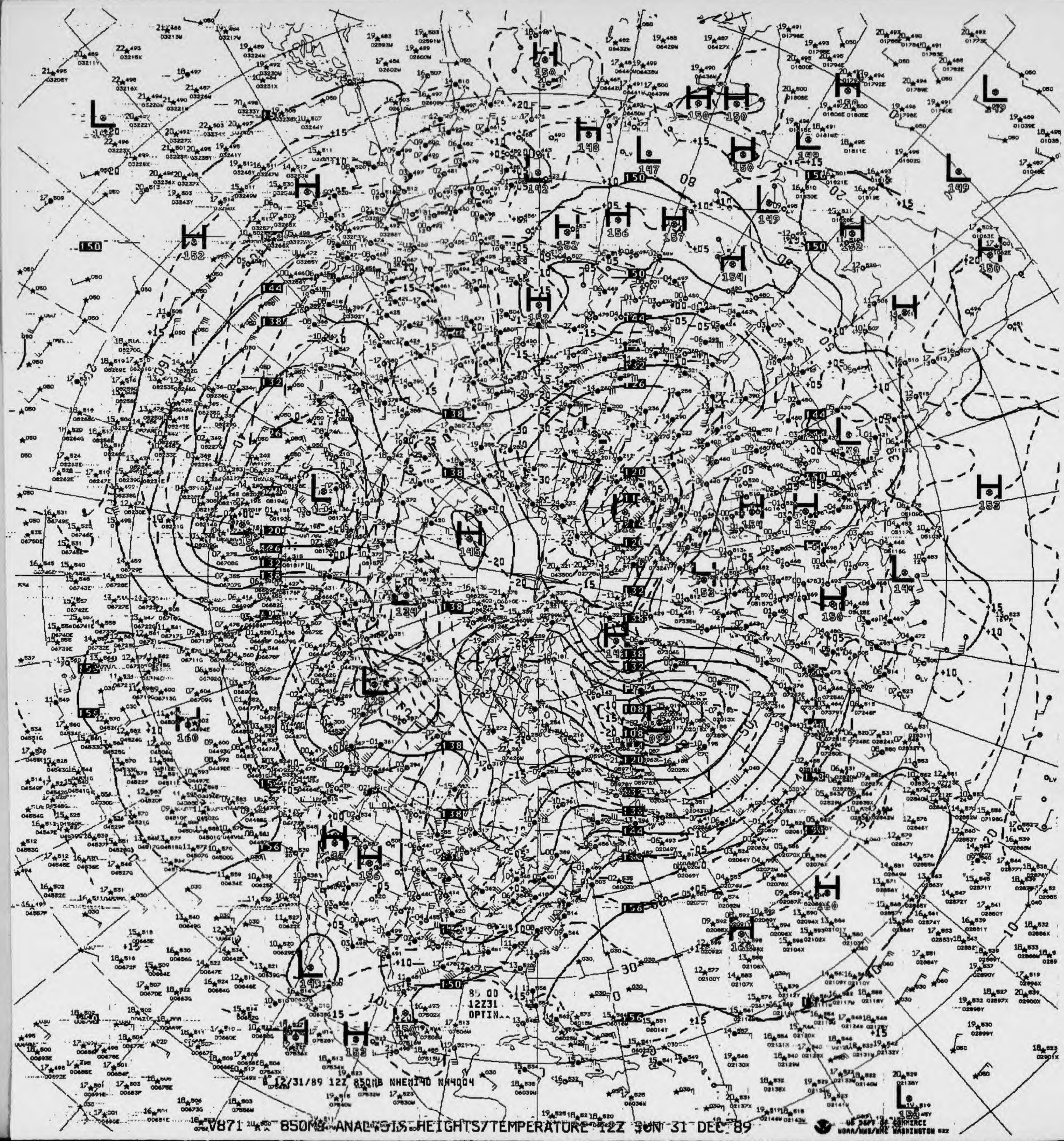
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V871 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 30 DEC 89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OPTIN^^
8 12/31/89 12Z 850MB NHEMI40 NH4004

V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 31 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

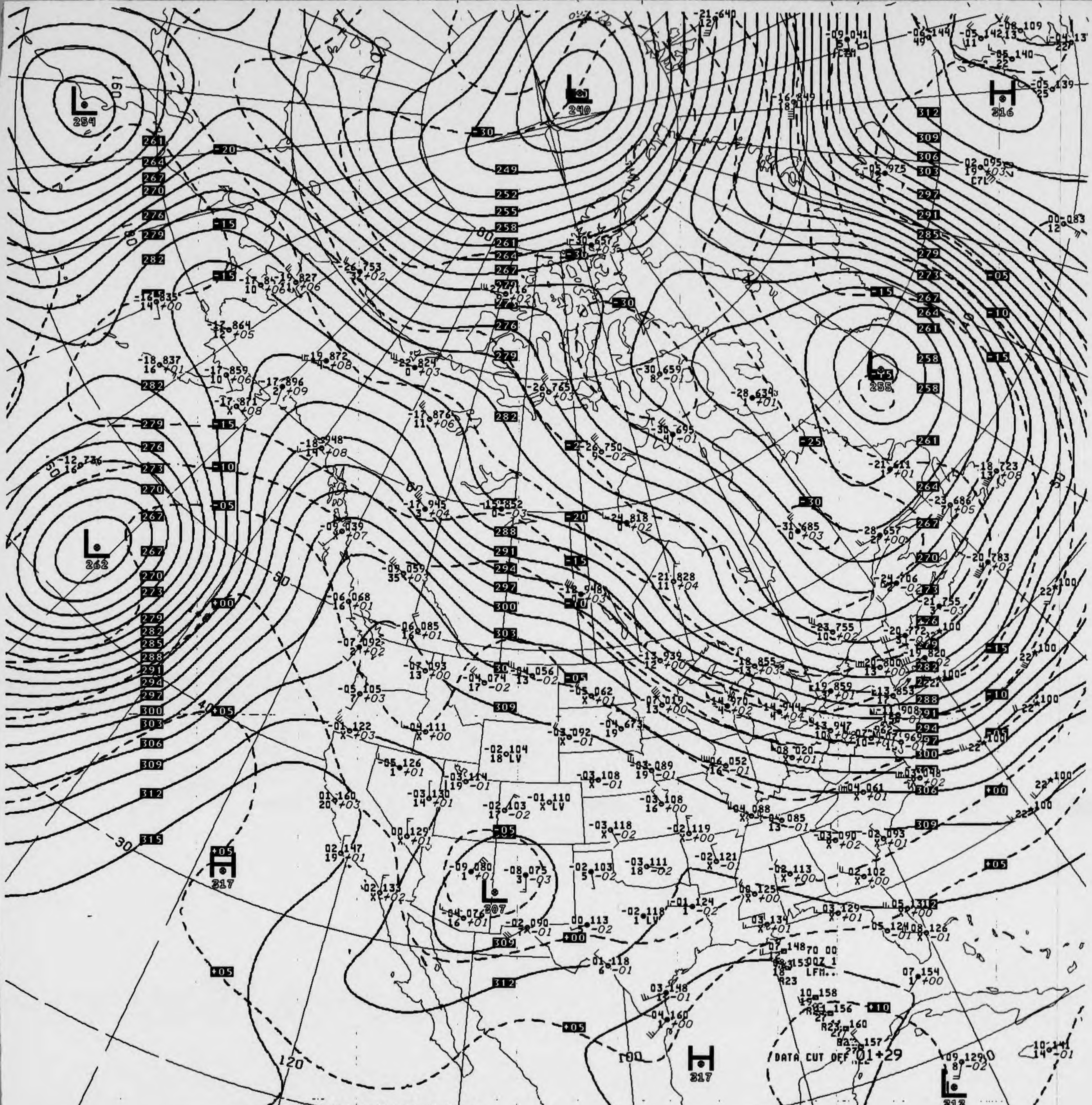
DAA Form 48 - 361A
ev. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

700 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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254
L
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H
316
L
255
L
262
H
317
L
207
H
317
L
313
DATA CUT OFF

B 12/01/89 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 1 DEC 89

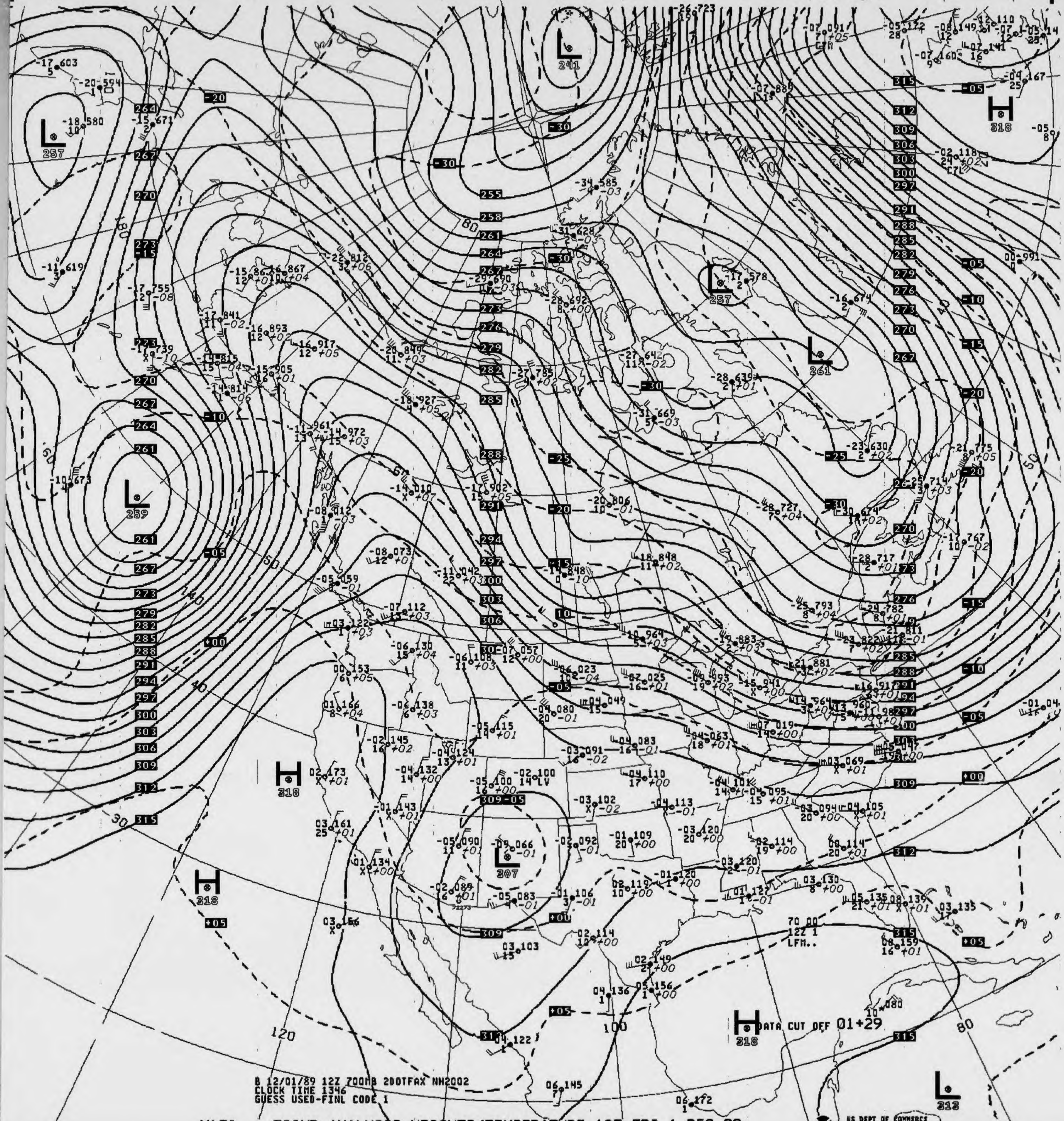
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

-02 081
18

ID
LAT/LONG

72273
31N110W


L 257
L 241
L 259
L 257
L 261
L 307
L 313
H 318
H 318
H 318
H 318
DATA CUT OFF 01+29
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12Z 1
LFM..

B 12/01/89 12Z 700MB 200TFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1

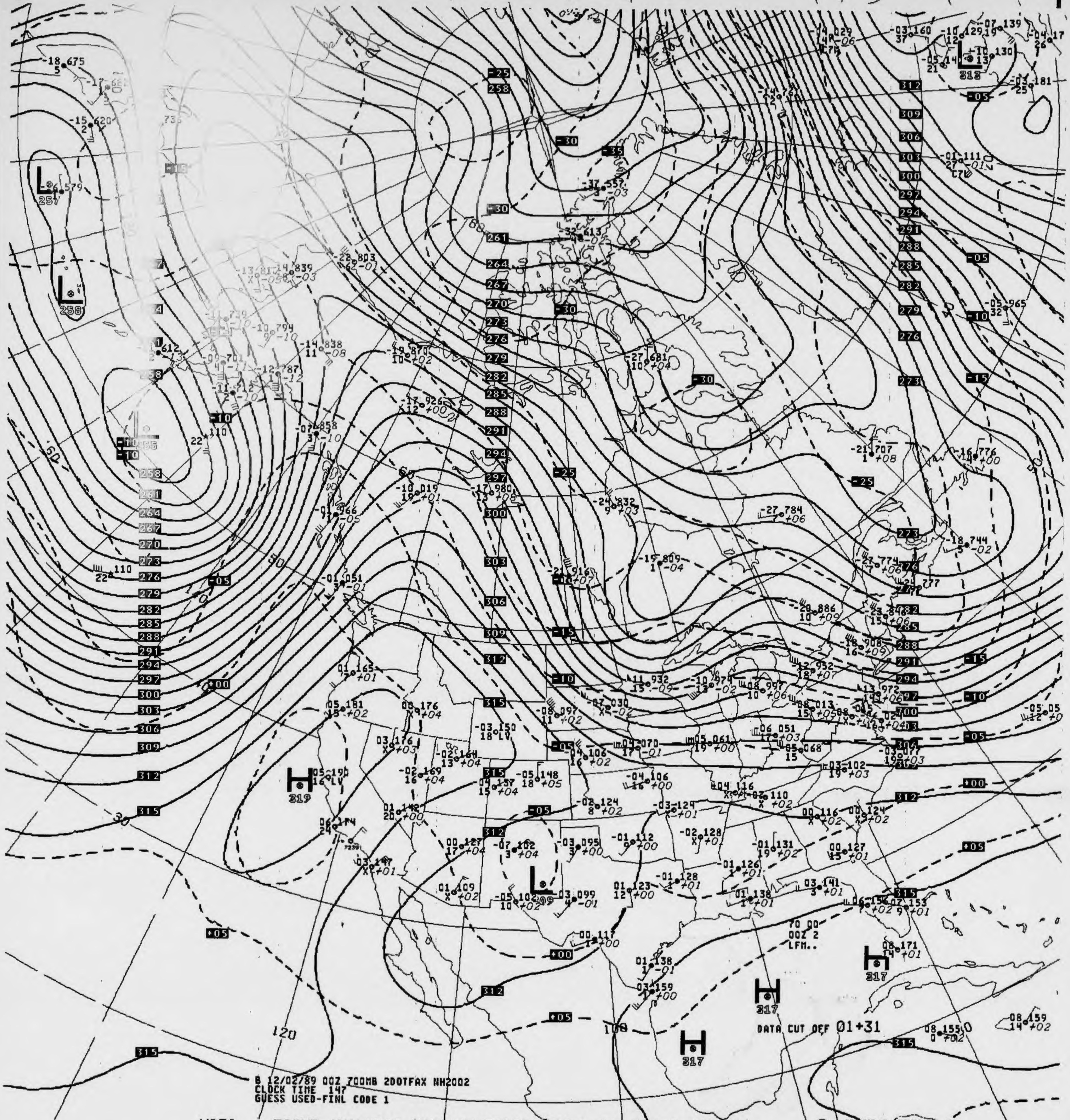
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 1 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

05 171
X

72391
34N119W



L 257
L 258
L 309
L 318
H 319
H 317
H 317
H 317
DATA CUT OFF 01+31
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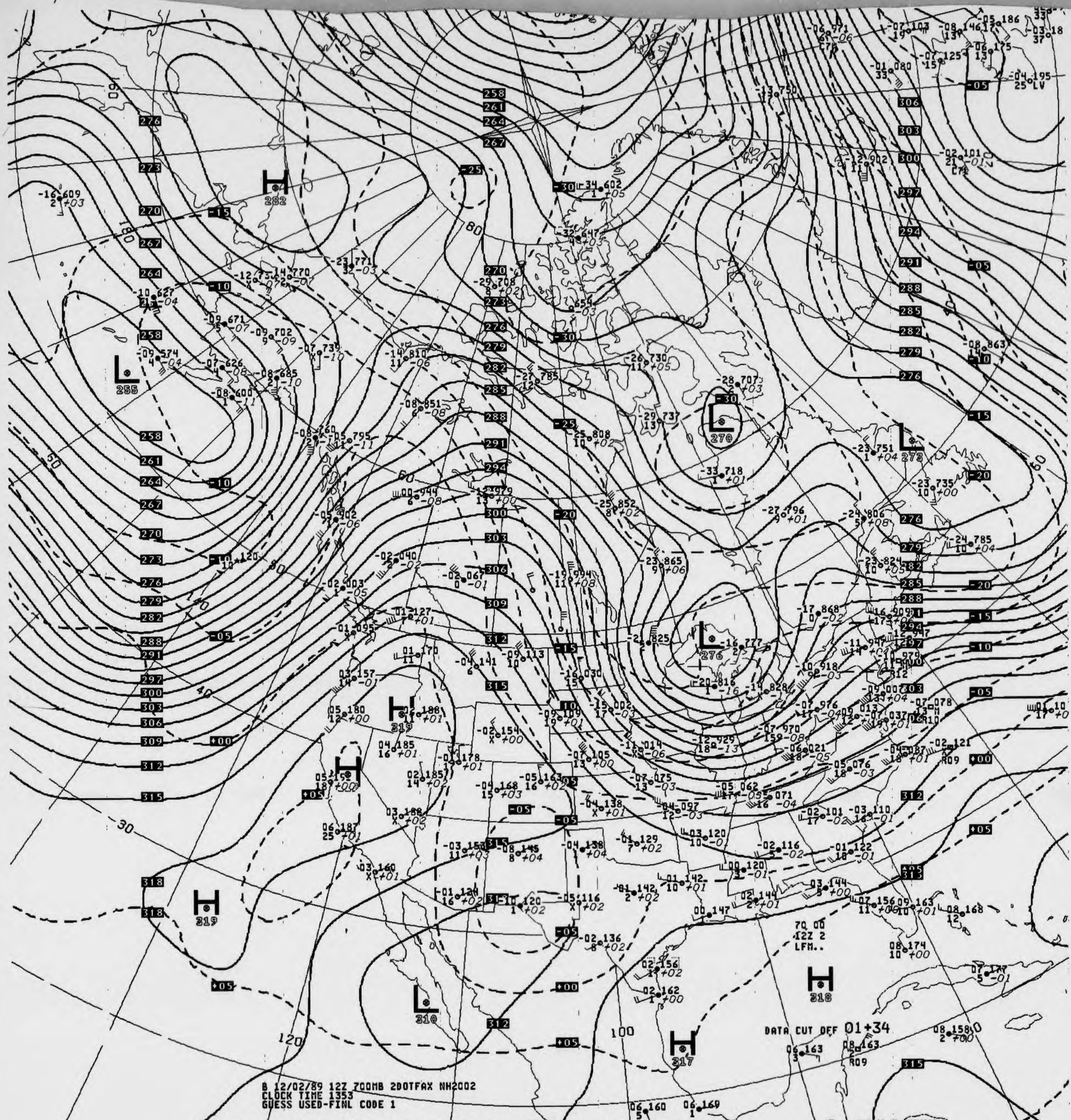
00Z 2
LFM..

B 12/02/89 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 2 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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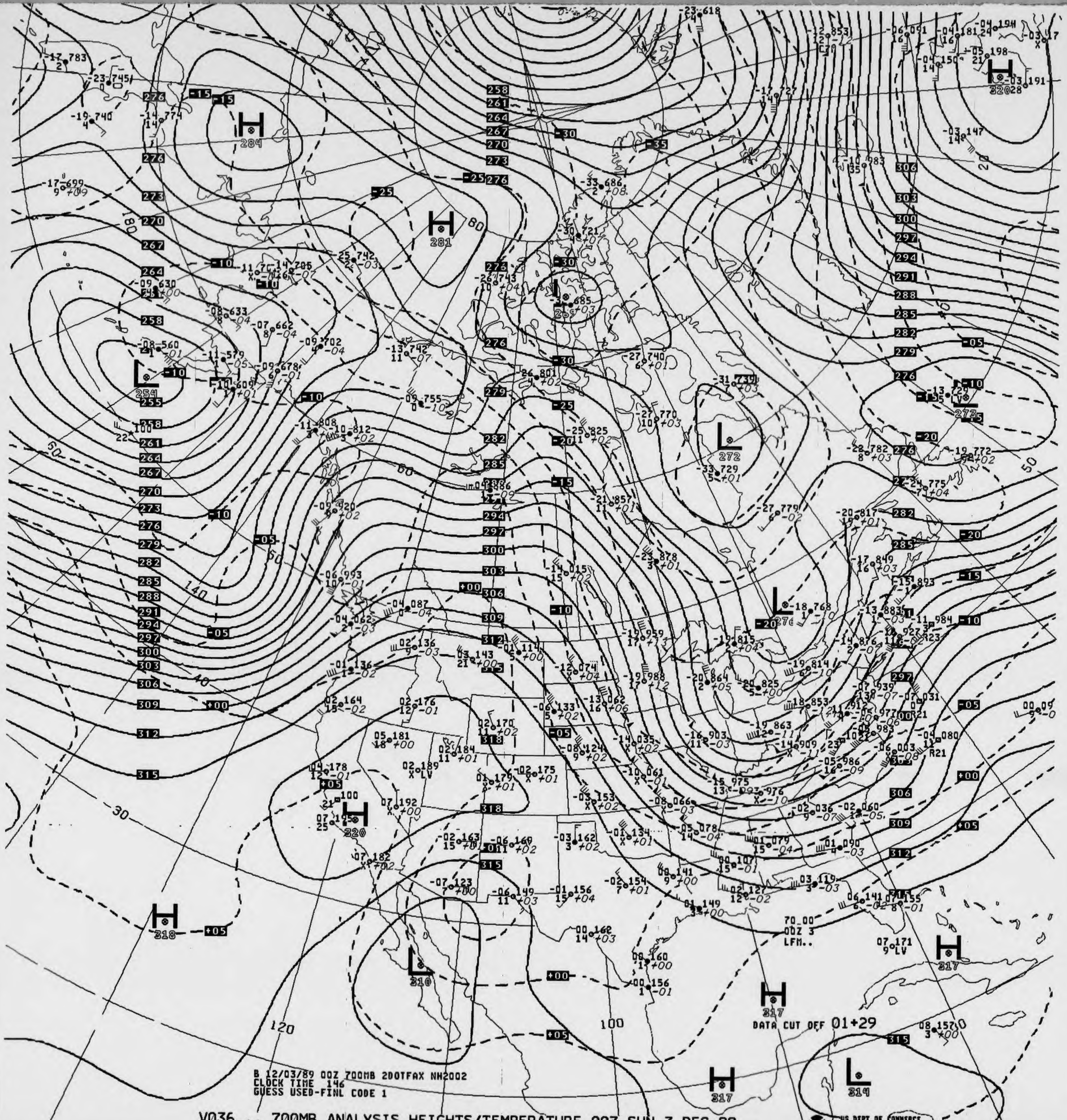
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 2 DEC 89


B 12/03/89 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 146
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29
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00Z 3
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H
284
H
281
L
254
L
265
L
272
L
276
H
220
H
318
L
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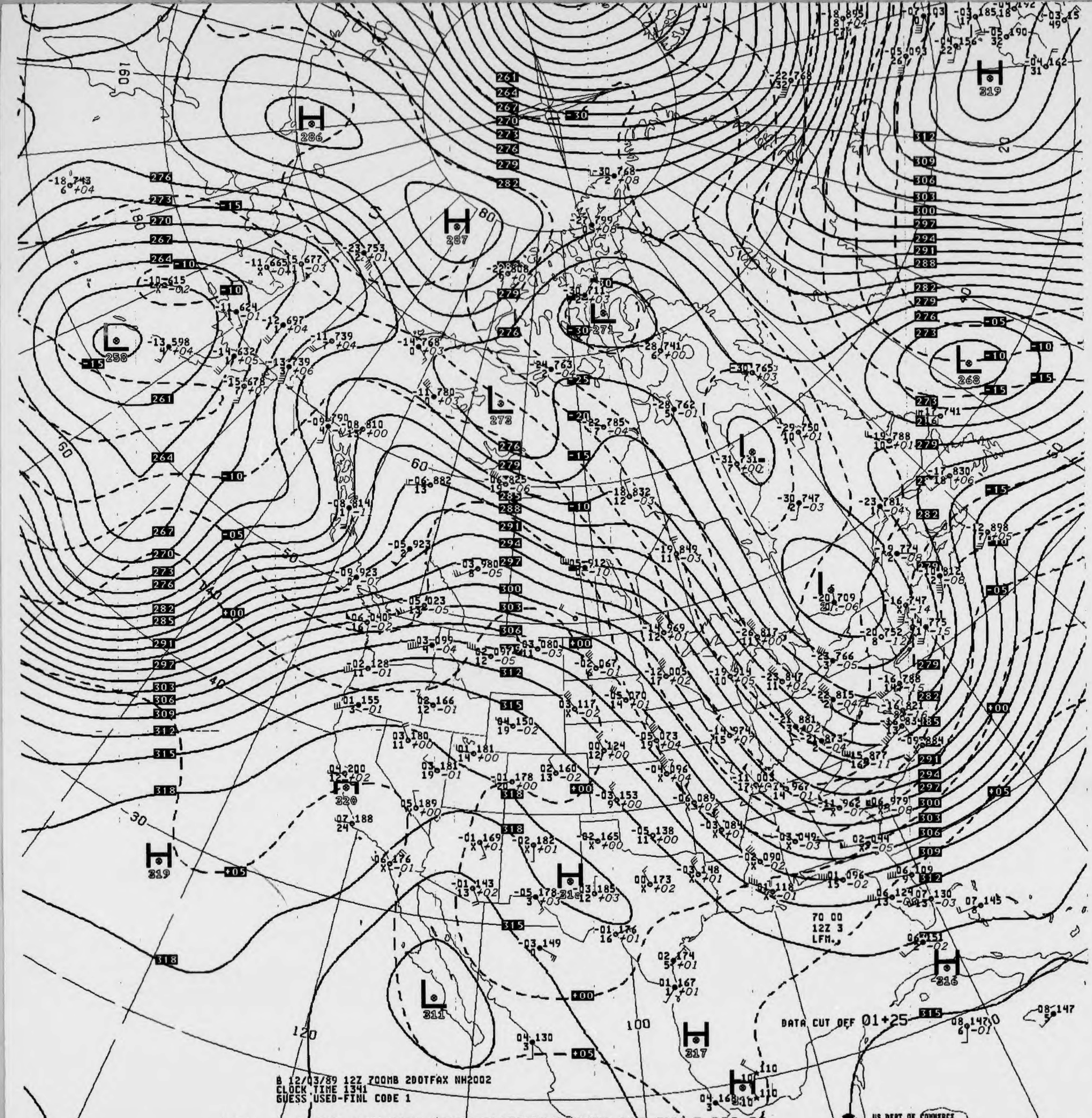
H
317
H
317
L
314
H
317
H
320

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 3 DEC 89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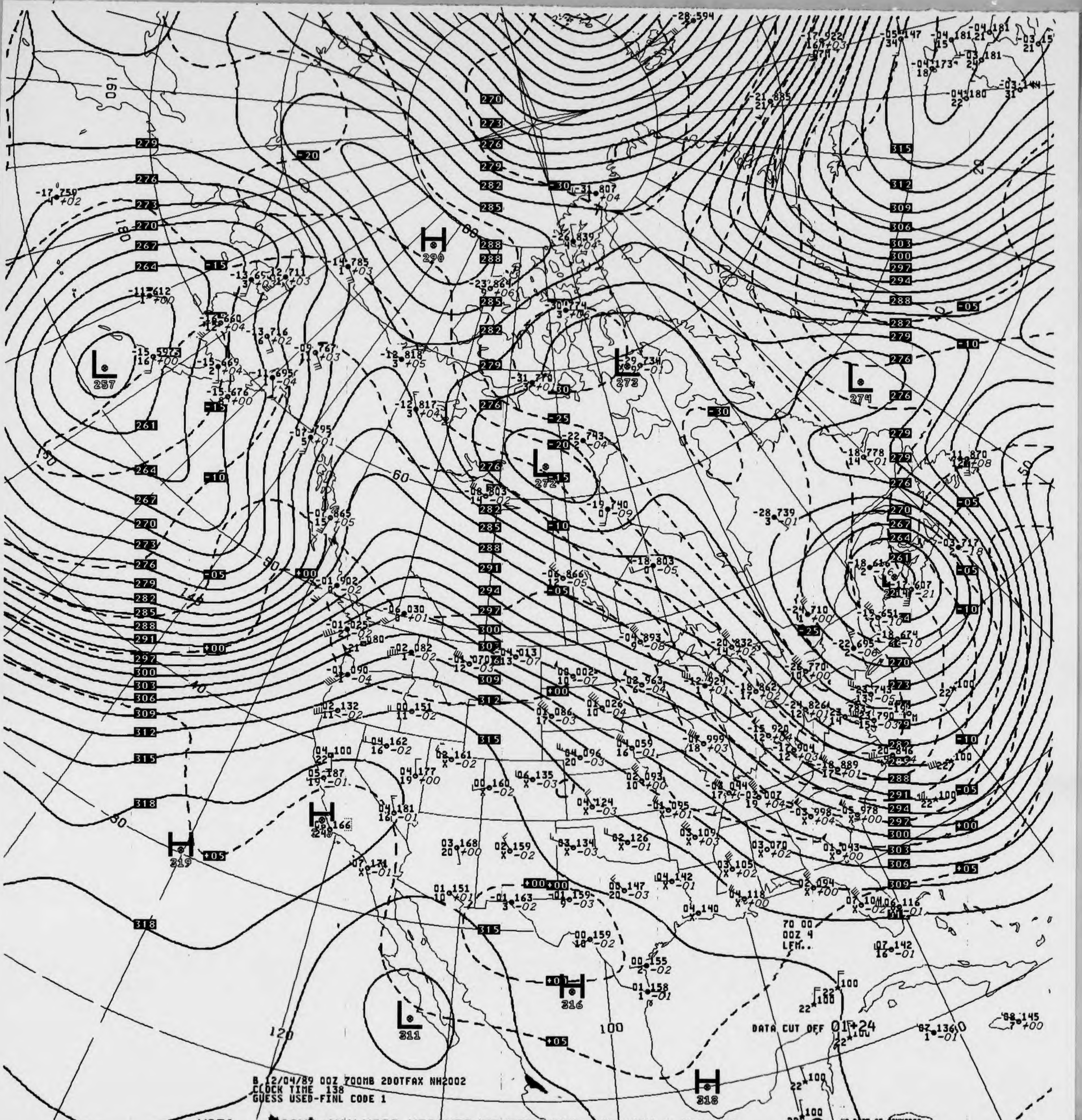
H 286
H 287
H 319
L 258
L 273
L 271
L 268
H 320
H 319
H 318
L 311
H 317
H 316
H 310
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 3 DEC 89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H 290
L 273
L 272
L 274
H 249
H 319
H 316
L 311
H 318
70 00
00Z 4
LFM..
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B 12/04/89 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 138
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

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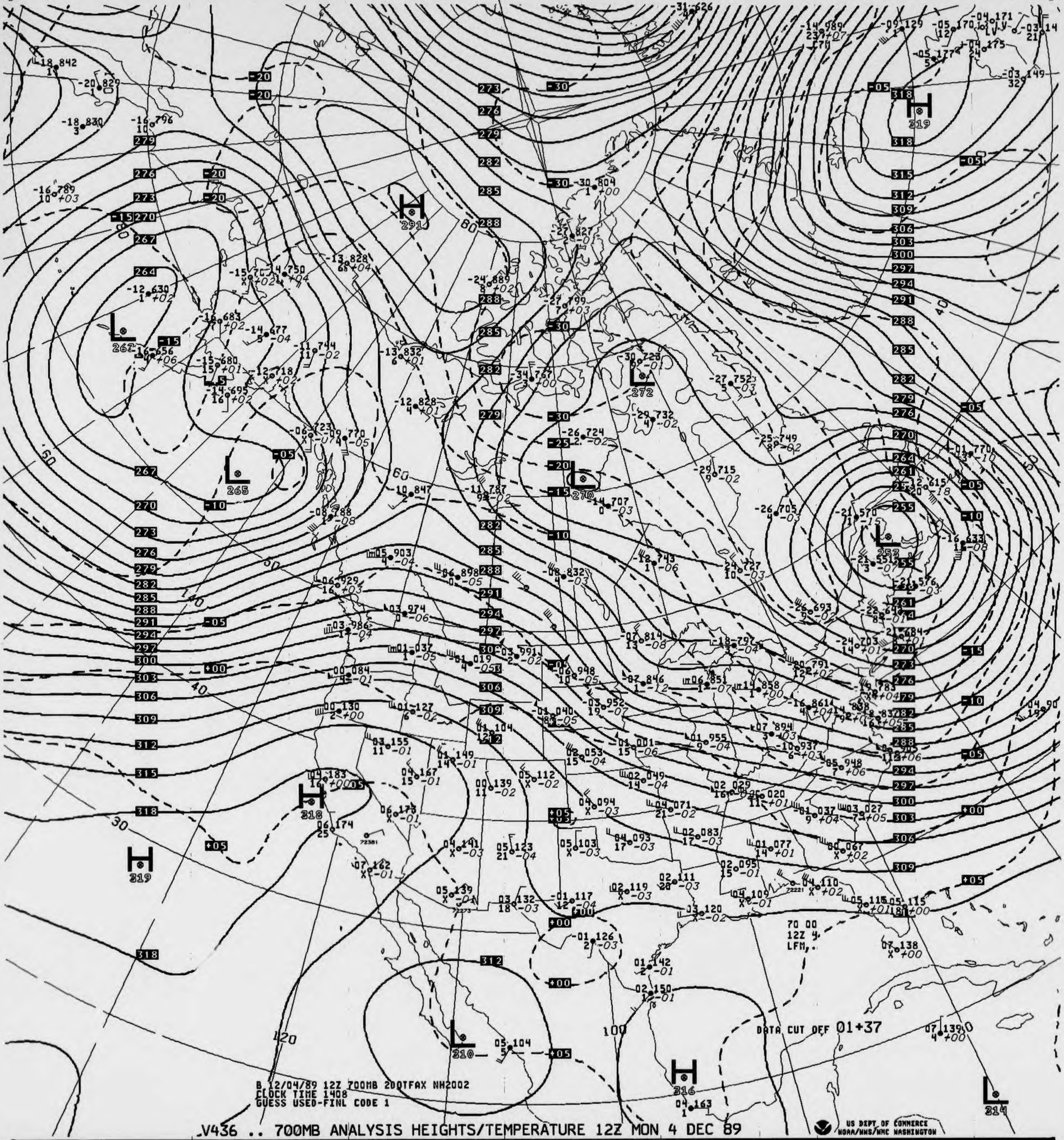
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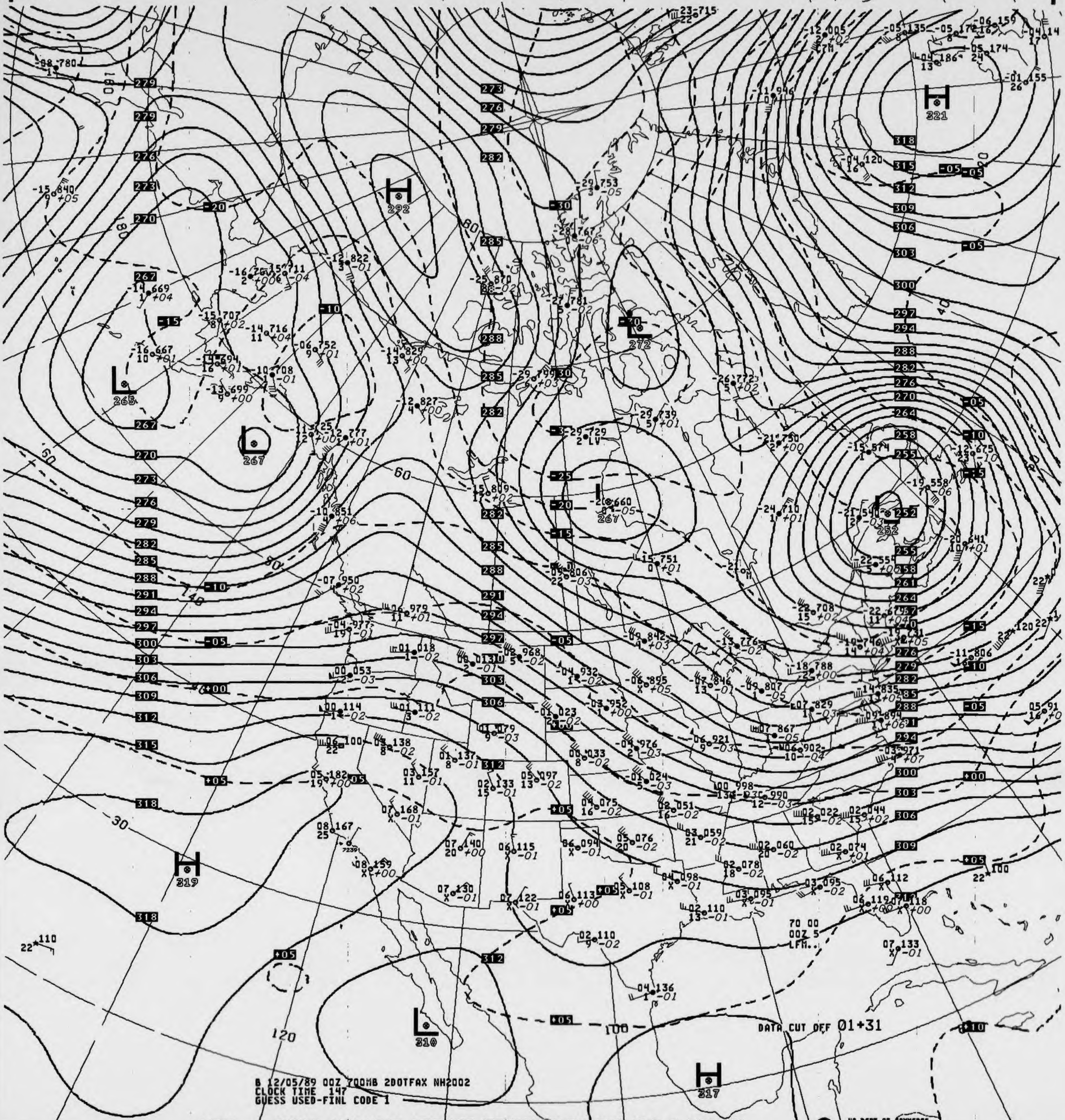
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

09 166
X

ID 72391
LAT/LONG 34N119W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L 267
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L 267
L 252
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H 317
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CLOCK TIME 147
GUESS USED-FINL CODE 1
DATA CUT OFF 01+31

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

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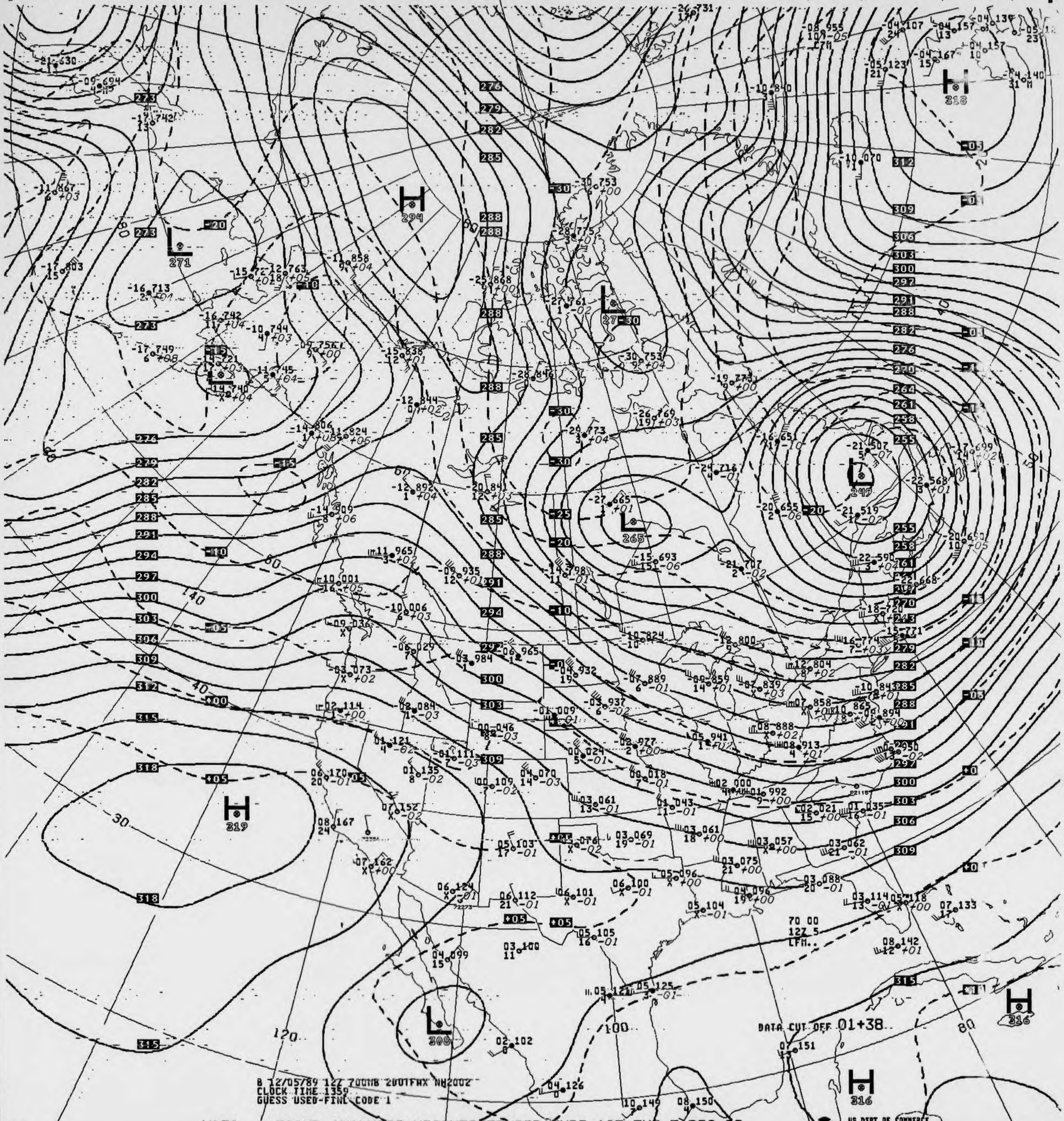
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L 27
L 265
L 249
H 318
H 319
L 308
H 316
H 316
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LFM..
B 12/05/89 12Z 700MB 2001FAX NH2002
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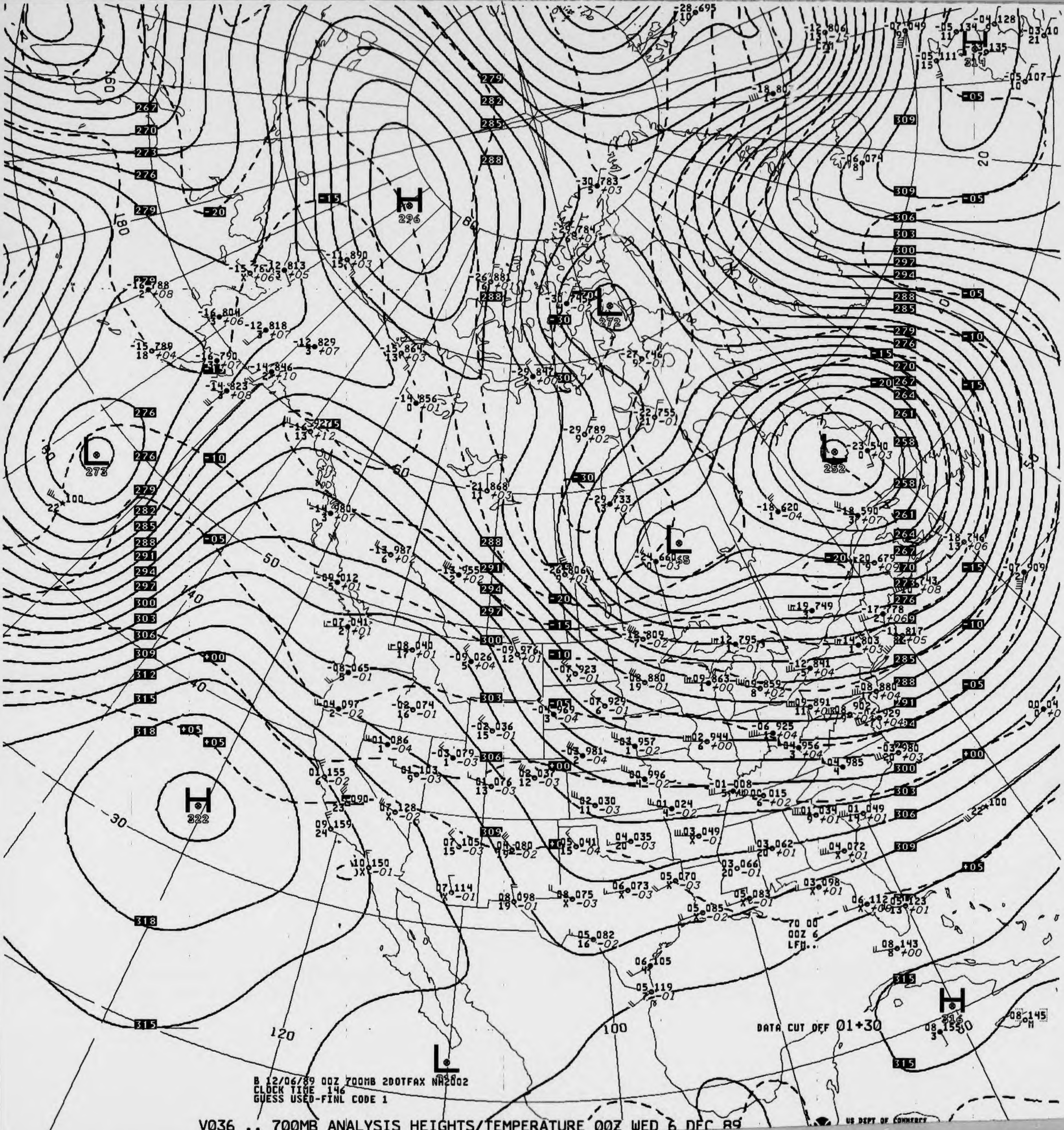
US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON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L 272
L 273
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L
H 322
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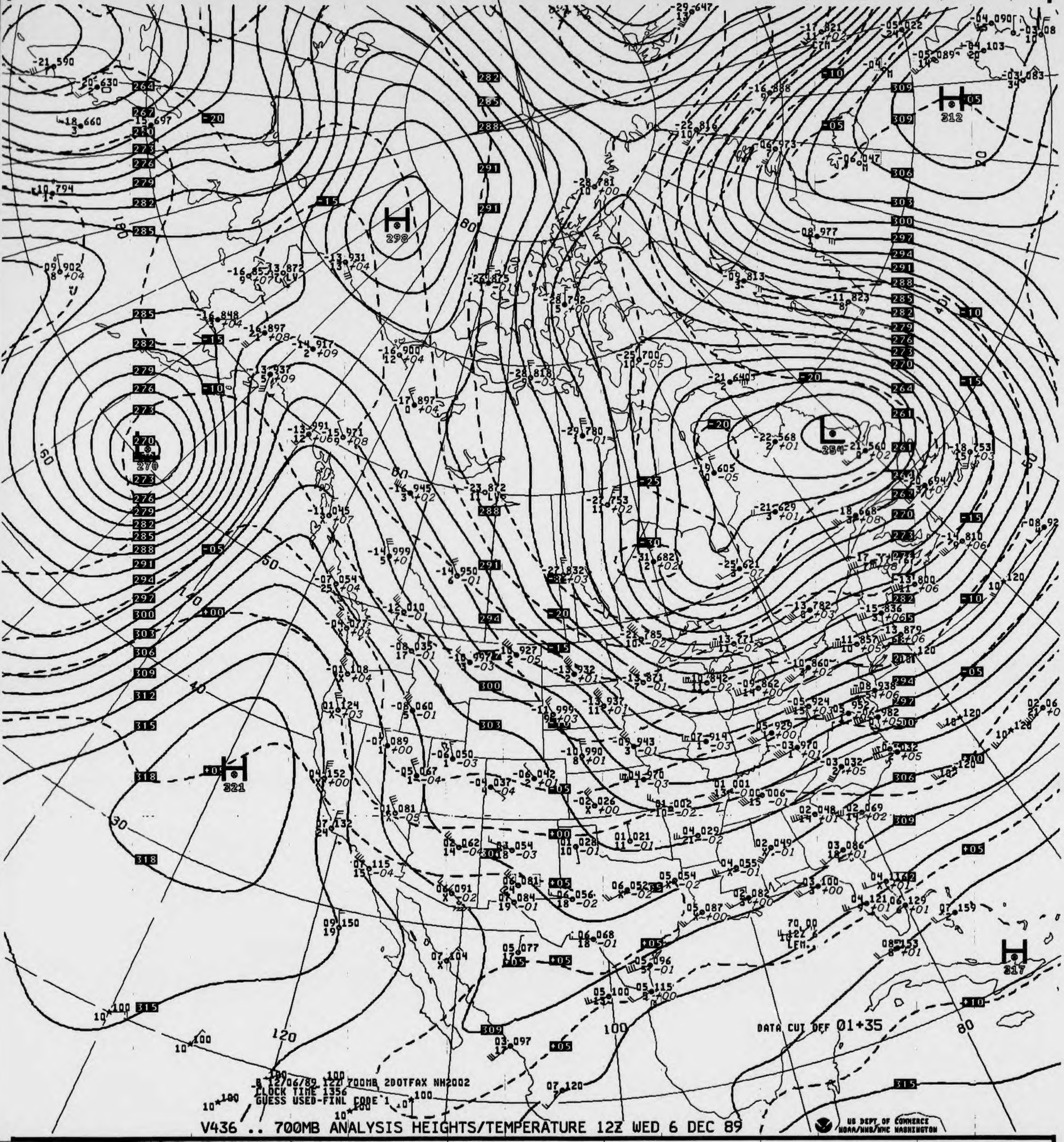
160
180
DATA CUT OFF 01+30
70 00
00Z 6
LFM..
B 12/06/89 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 146
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 6 DEC 89

700MB

01 009 13 07 088 21

ID 74671 72273
LAT/LONG 36N087W 31N110W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298
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H
312
H
317
B 12/06/89 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1356
GUESS USED-FINL CODE 1 0
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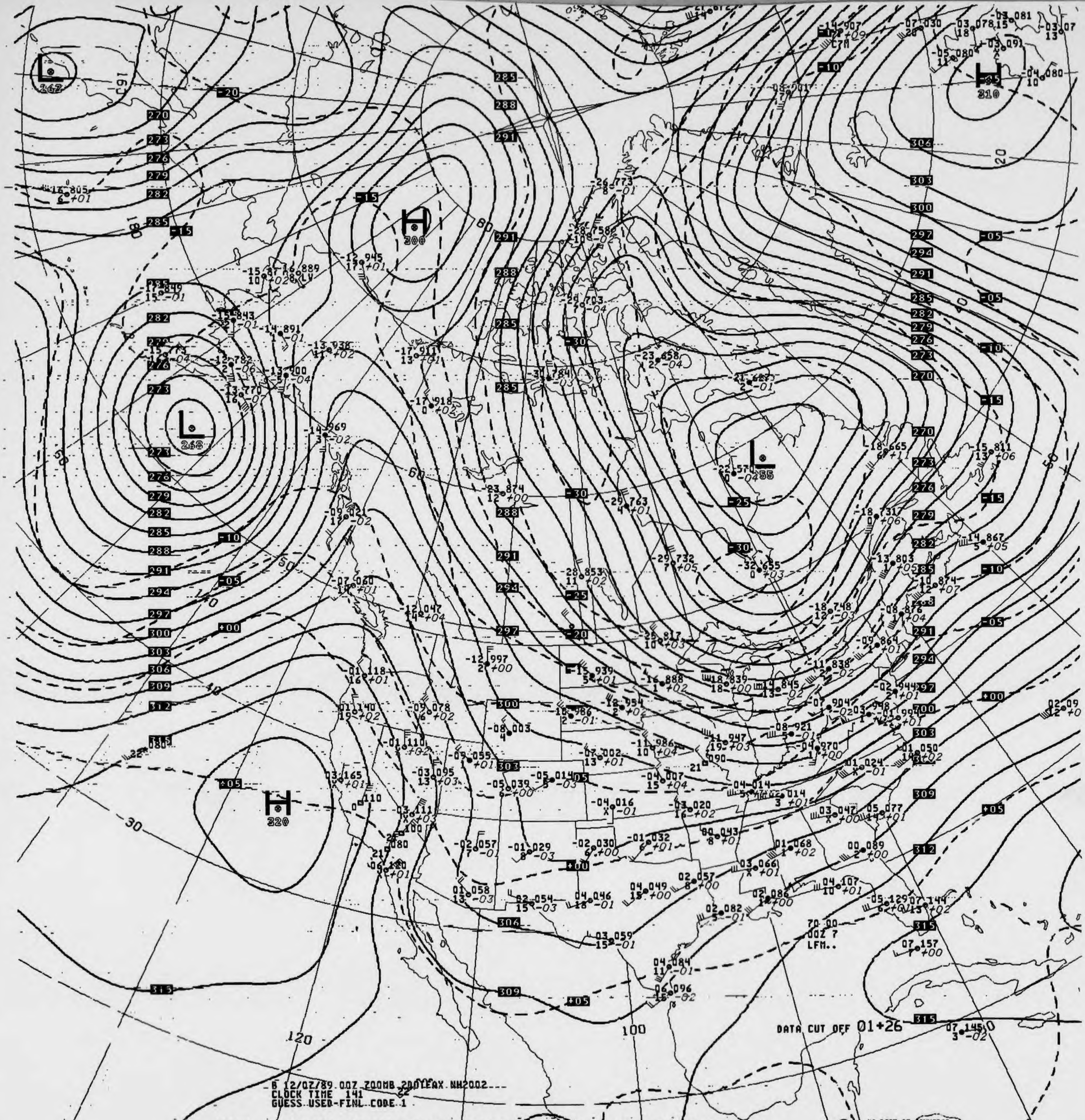
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 6 DEC 89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H 310
H 320
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CLOCK TIME 141
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160
120
100
60
50
40
30
20

V036 ... 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 7 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

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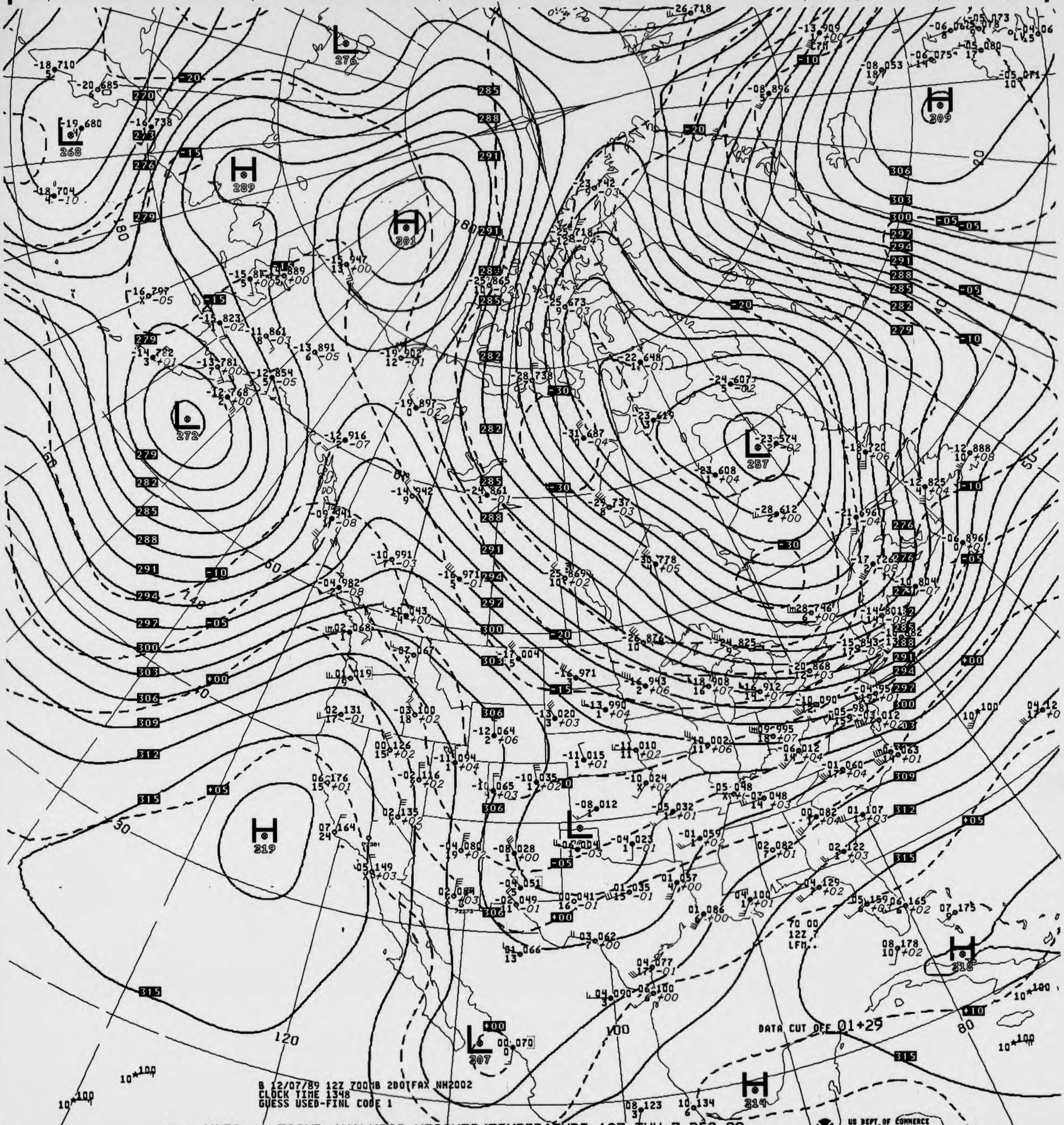
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H 301
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L 257
H 319
L 207
H 214
H 218
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CLOCK TIME 1348
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29
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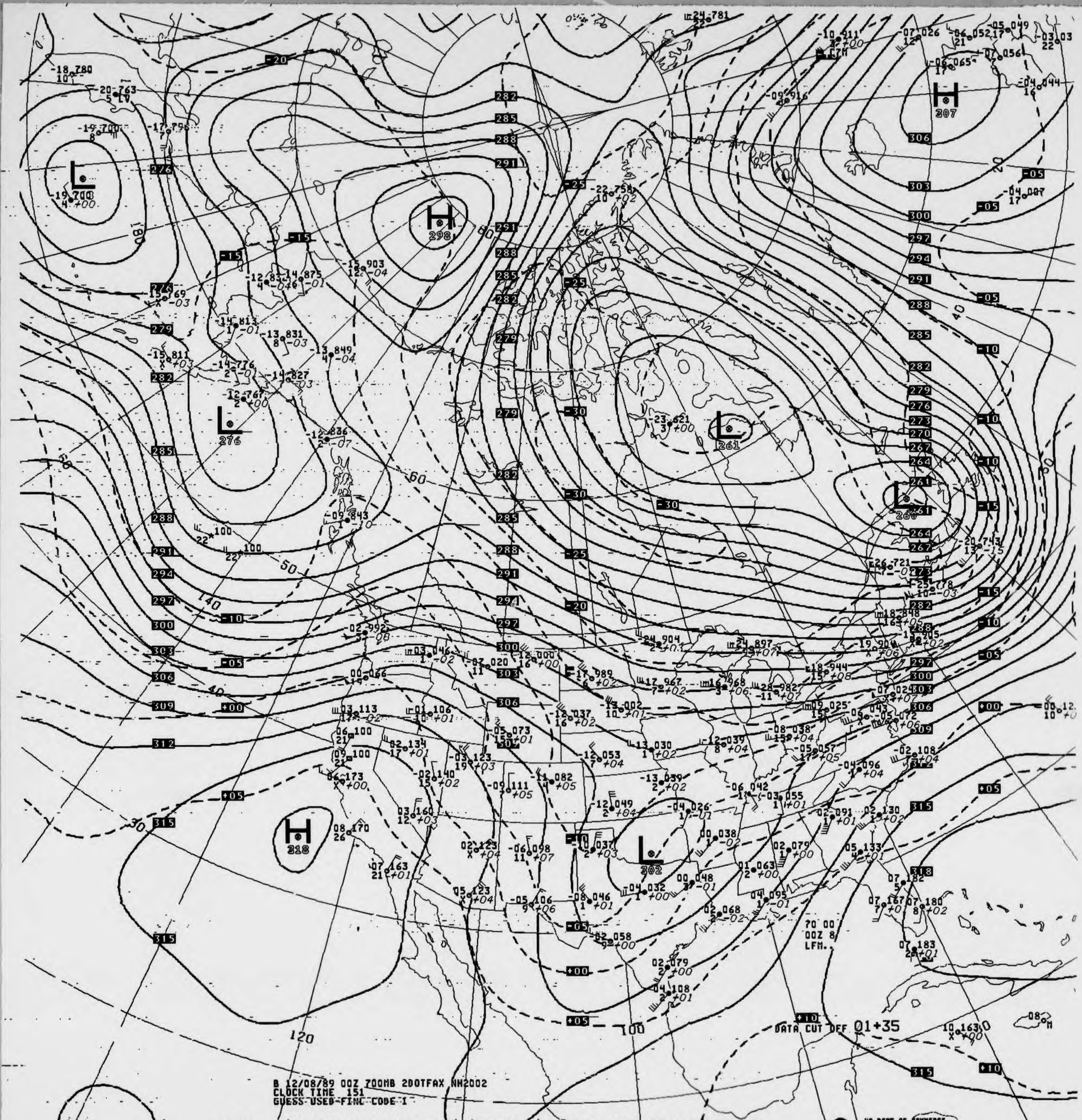
LFM..

100 V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 7 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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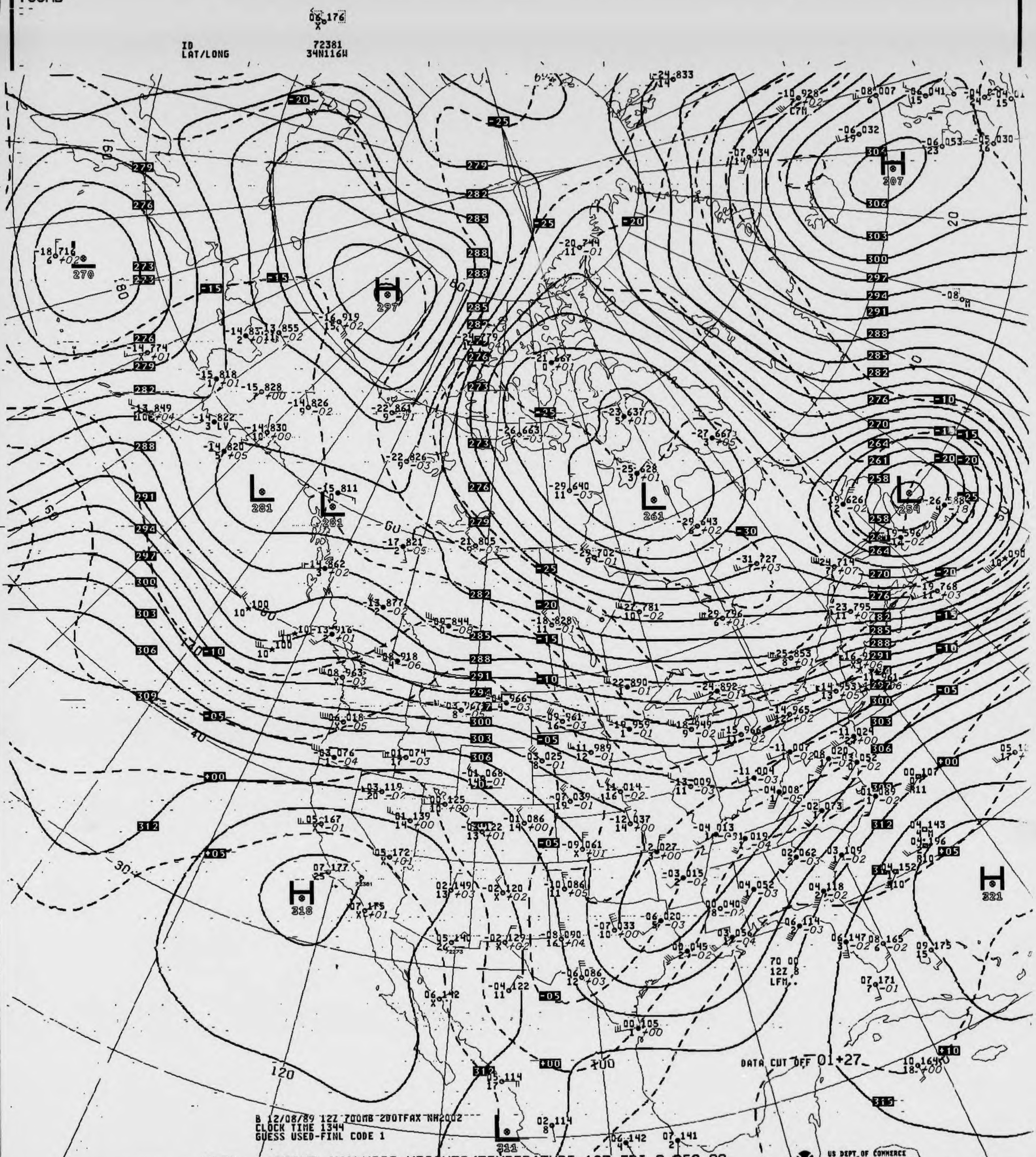
CLOCK TIME 151
GUESS USED-FINC CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

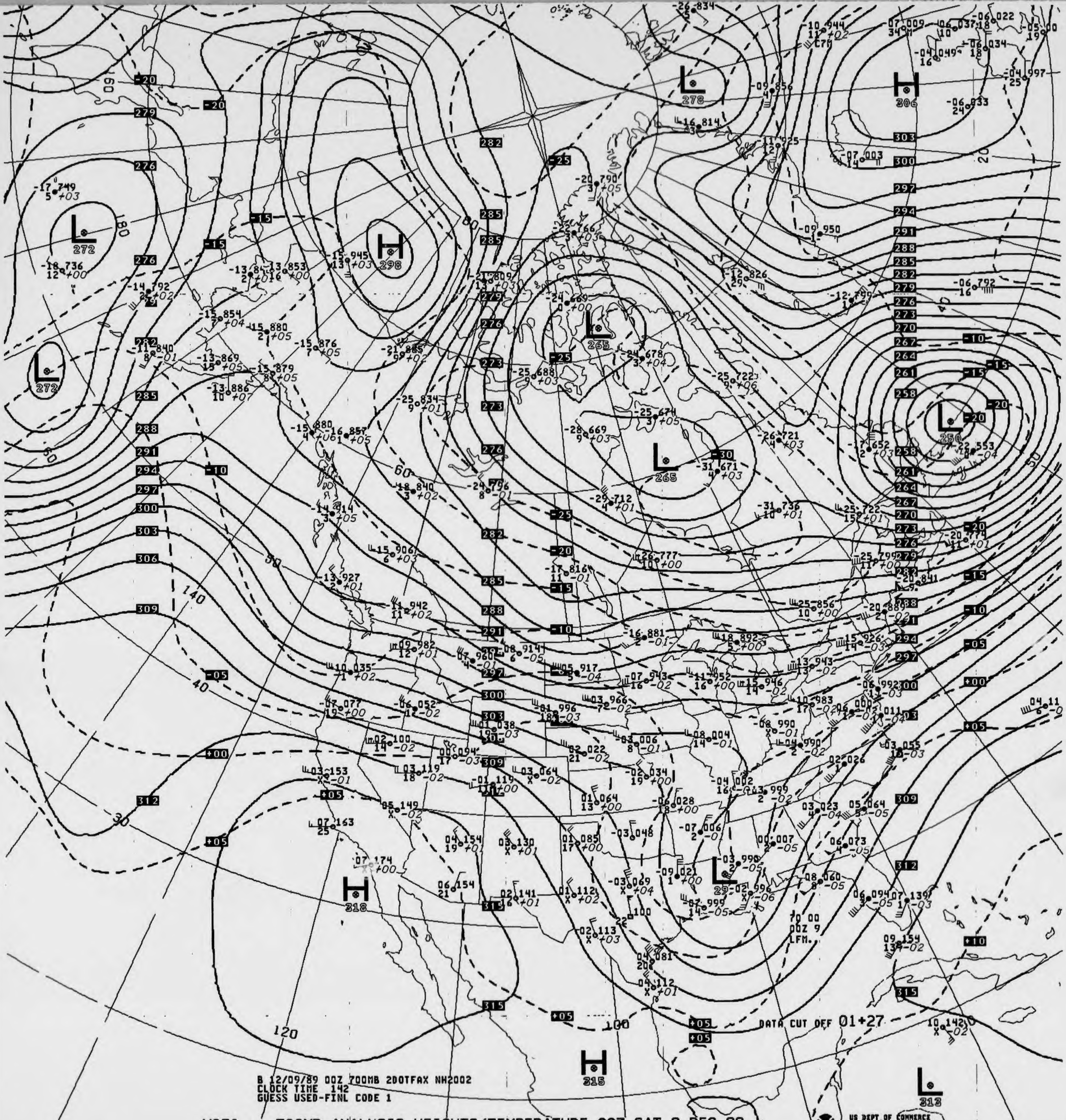
700MB


06 176
X
ID
LAT/LONG
72381
34N116W
H
297
H
207
H
318
H
321
L
281
L
281
L
261
L
254
L
311
270
DATA CUT OFF 01+27
70 00
12Z 8
LFM..

B 12/08/89 12Z 700MB 200TFAX NH2002
CLOCK TIME 1344
GUESS USED-FINL CODE 1

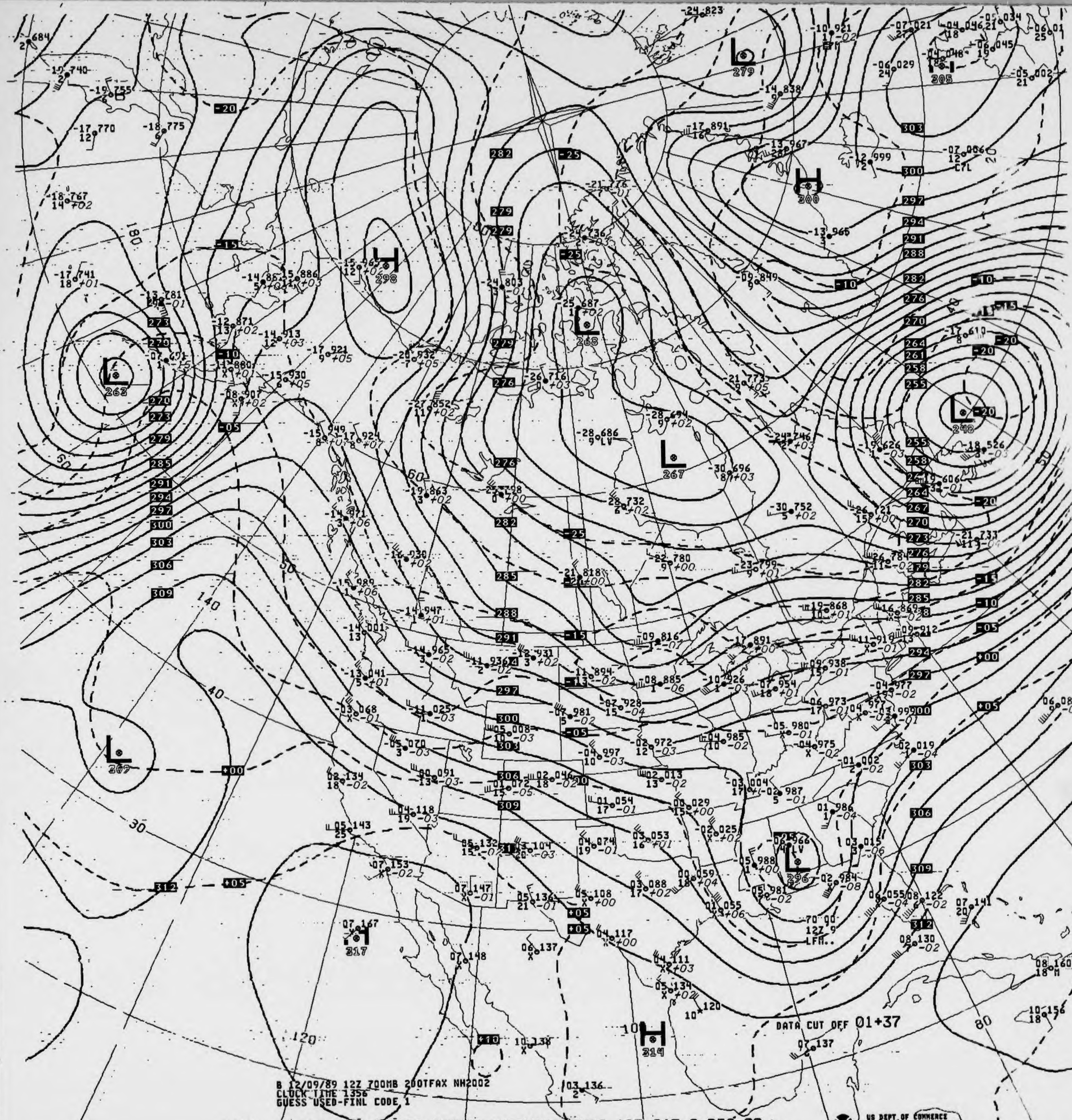
V436 ... 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+27
B 12/09/89 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 9 DEC 89

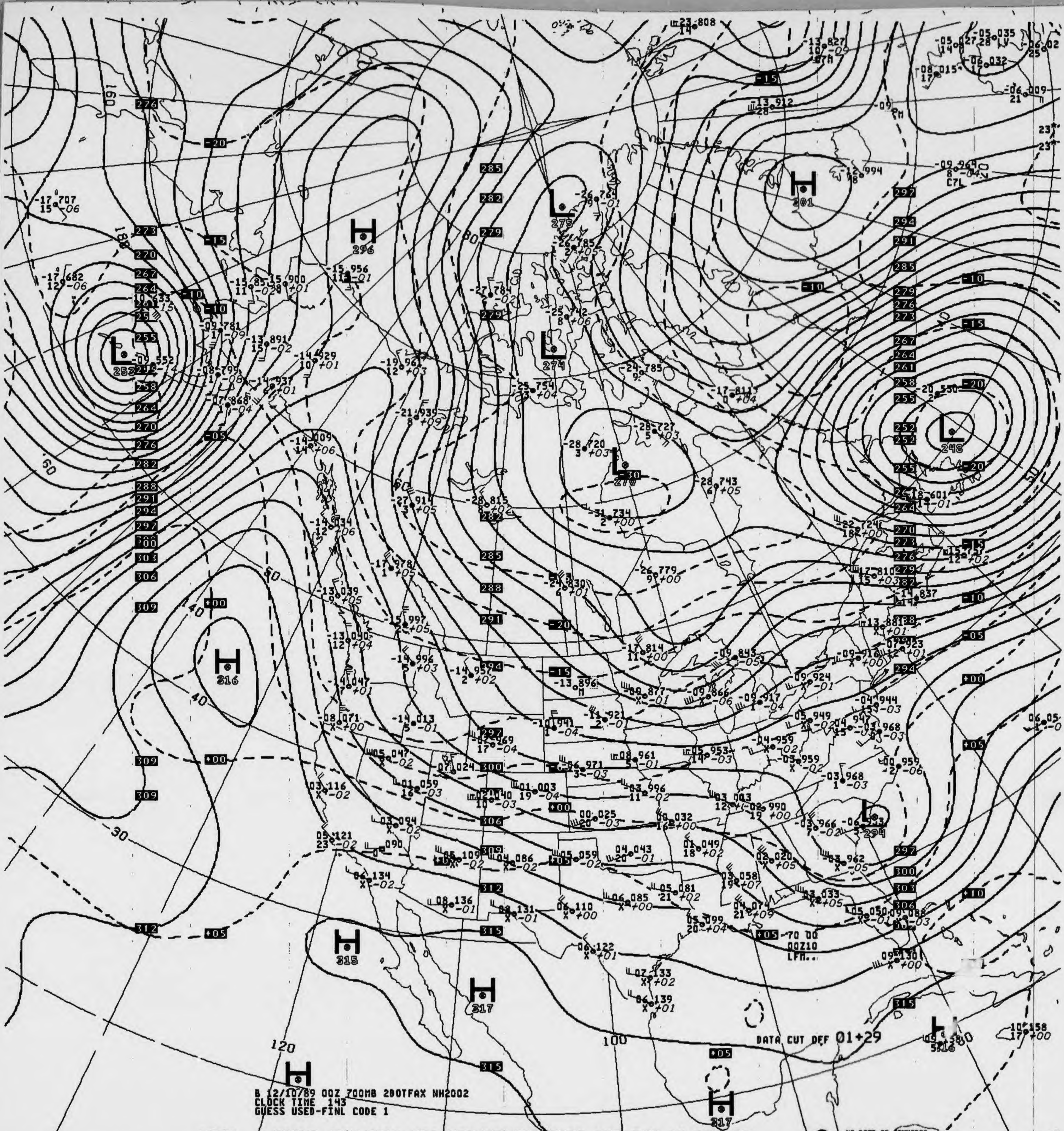
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/09/89 12Z 700MB 200TFAX NH2002
CLOCK TIME 1356
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 9 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/10/89 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29
70 00
00Z10
LFM..
H 296
H 301
H 316
H 315
H 317
H 317
L 252
L 278
L 274
L 279
L 248
L 294
-30
-20
-15
-10
-05
+00
+05
+10
180
160
140
120
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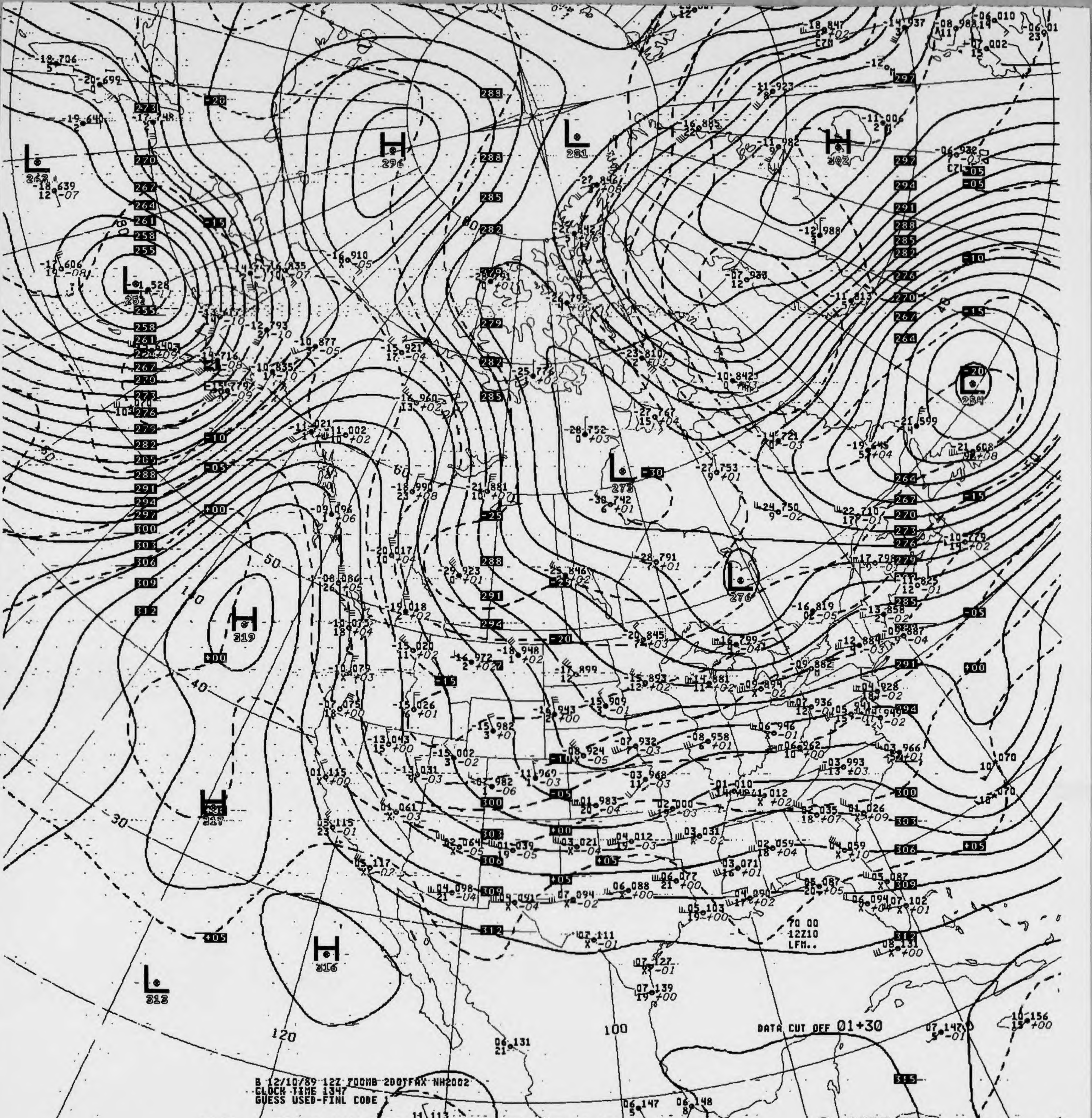
40
30

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 10 DEC 89

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON


B 12/10/89 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1347
GUESS USED-FINL CODE
DATA CUT OFF 01+30
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12Z10
LFM..
H
296
H
302
H
319
H
317
H
316
L
281
L
252
L
273
L
276
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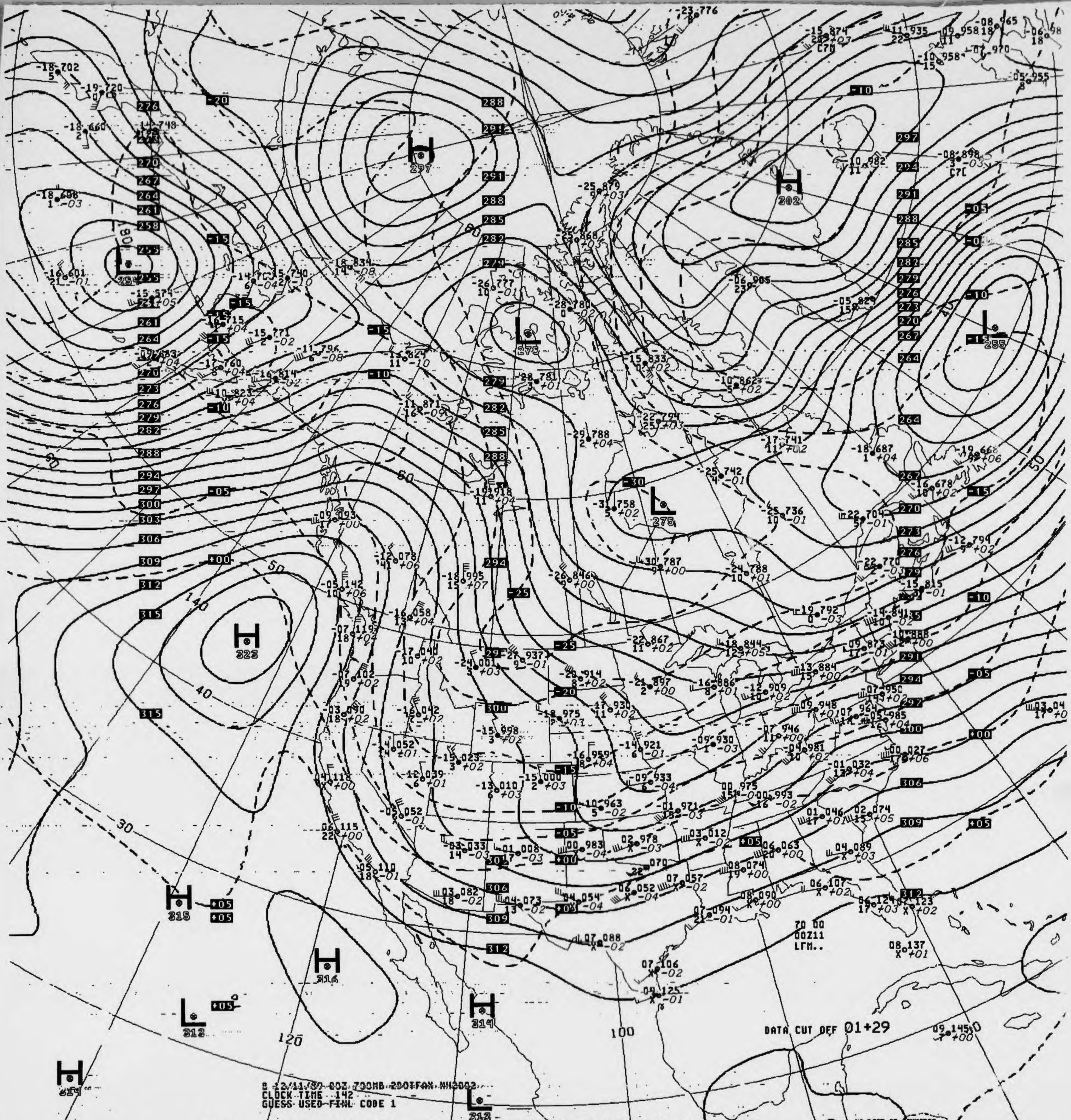
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 10 DEC 89

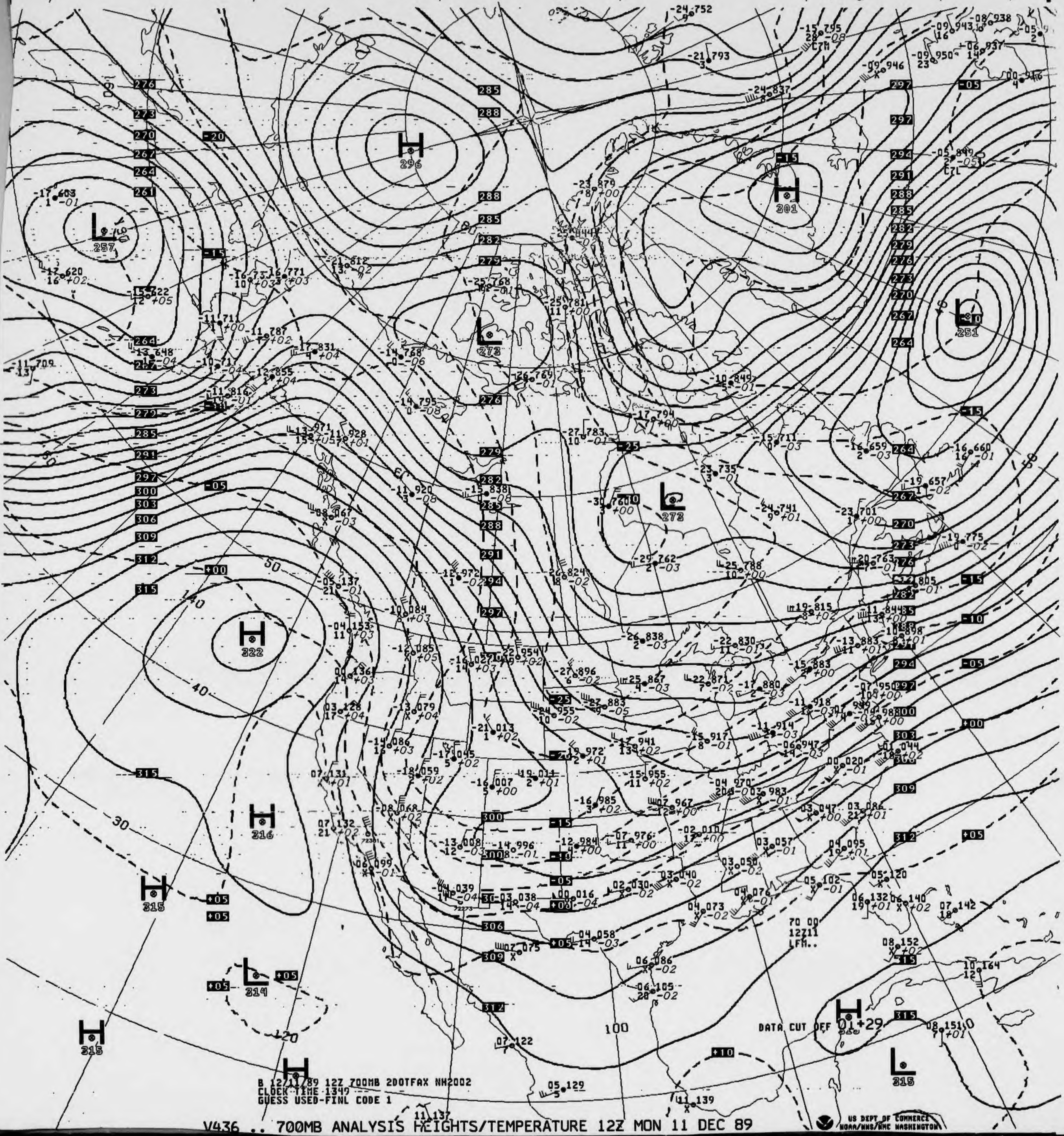
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 297
H 302
H 323
H 315
H 316
H 314
L 258
L 275
L 275
L 255
L 312
L 312
70 00
00Z11
LFM..
DATA CUT OFF 01+29
B 12/11/89 00Z 700MB 200TFAX NH2002
CLOCK TIME 142
GUESS USED FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 11 DEC 89

700MB

ID 72273 72381
LAT/LONG 31N110W 34N116W


DATA CUT OFF 01+29
70 00
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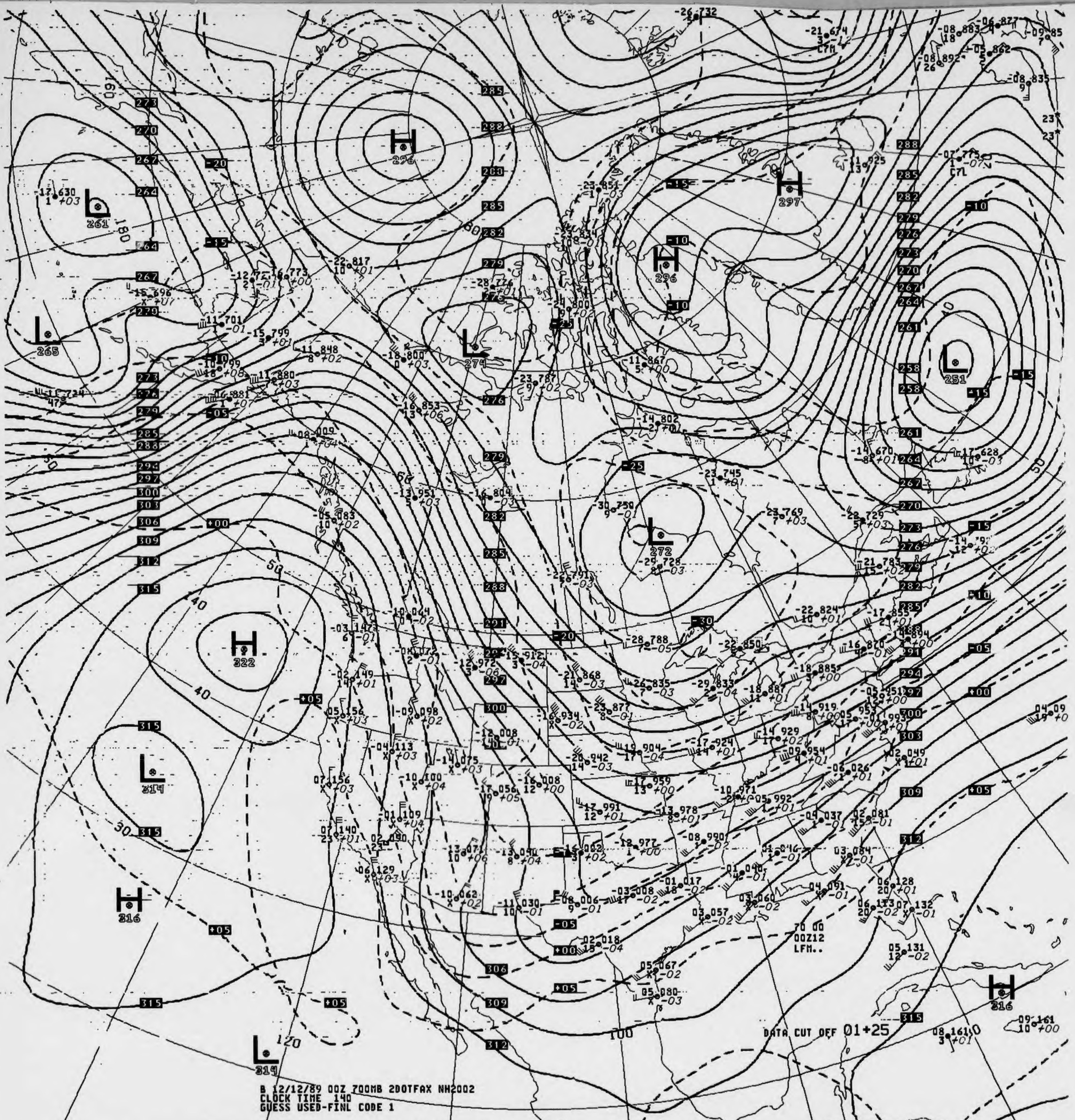
LFM..
H 296
H 301
H 322
L 257
L 251
L 273
L 272
H 316
H 315
L 314
L 315

B 12/11/89 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1349
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
296
H
297
H
296
L
261
L
265
L
274
L
251
L
272
H
322
L
314
H
316
H
316
L
319
70 00
00Z12
LFM..
DATA CUT OFF 01+25

B 12/12/89 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 140
GUESS USED-FINL CODE 1

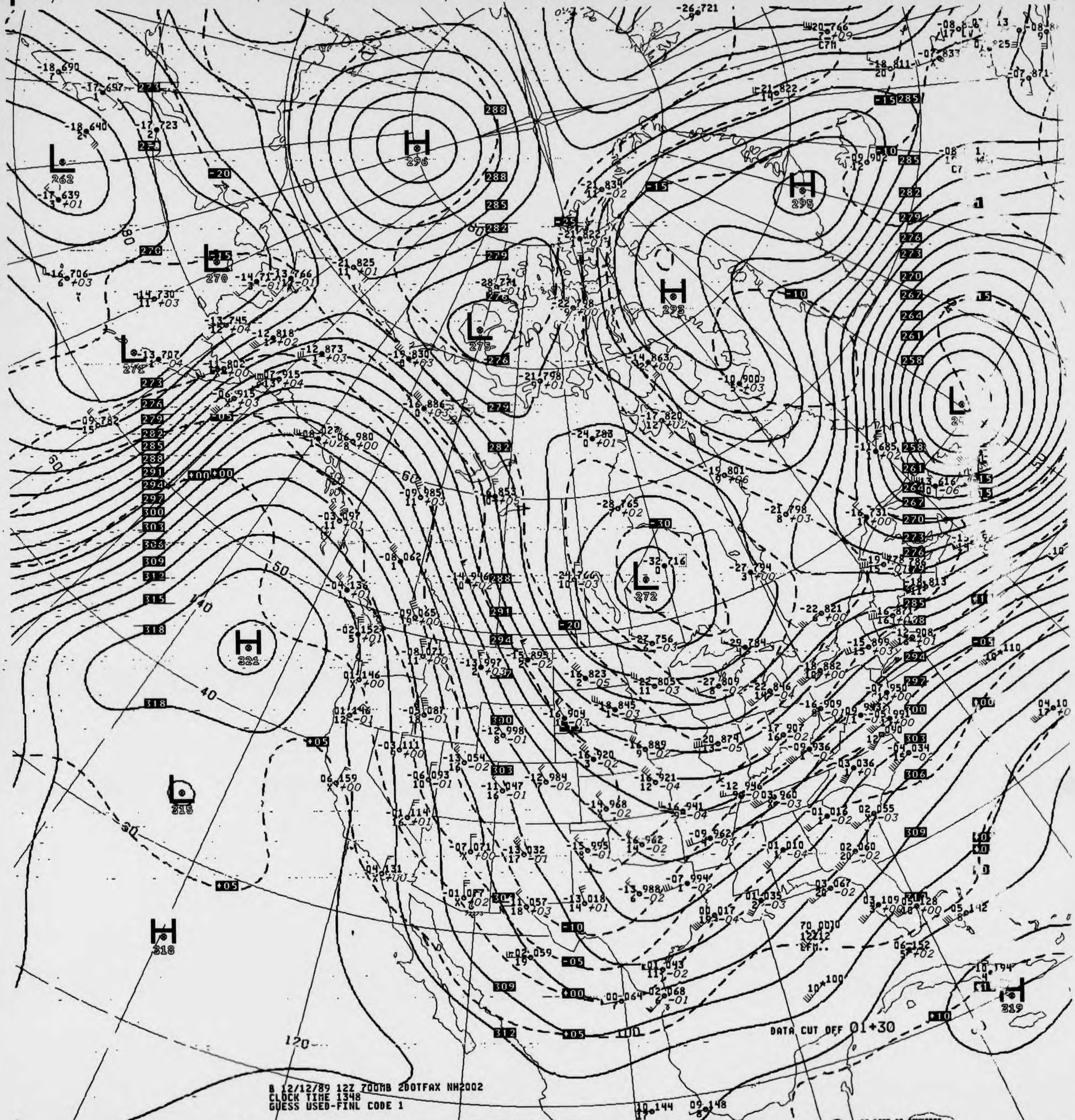
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 12 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

-10 939 02 076
36

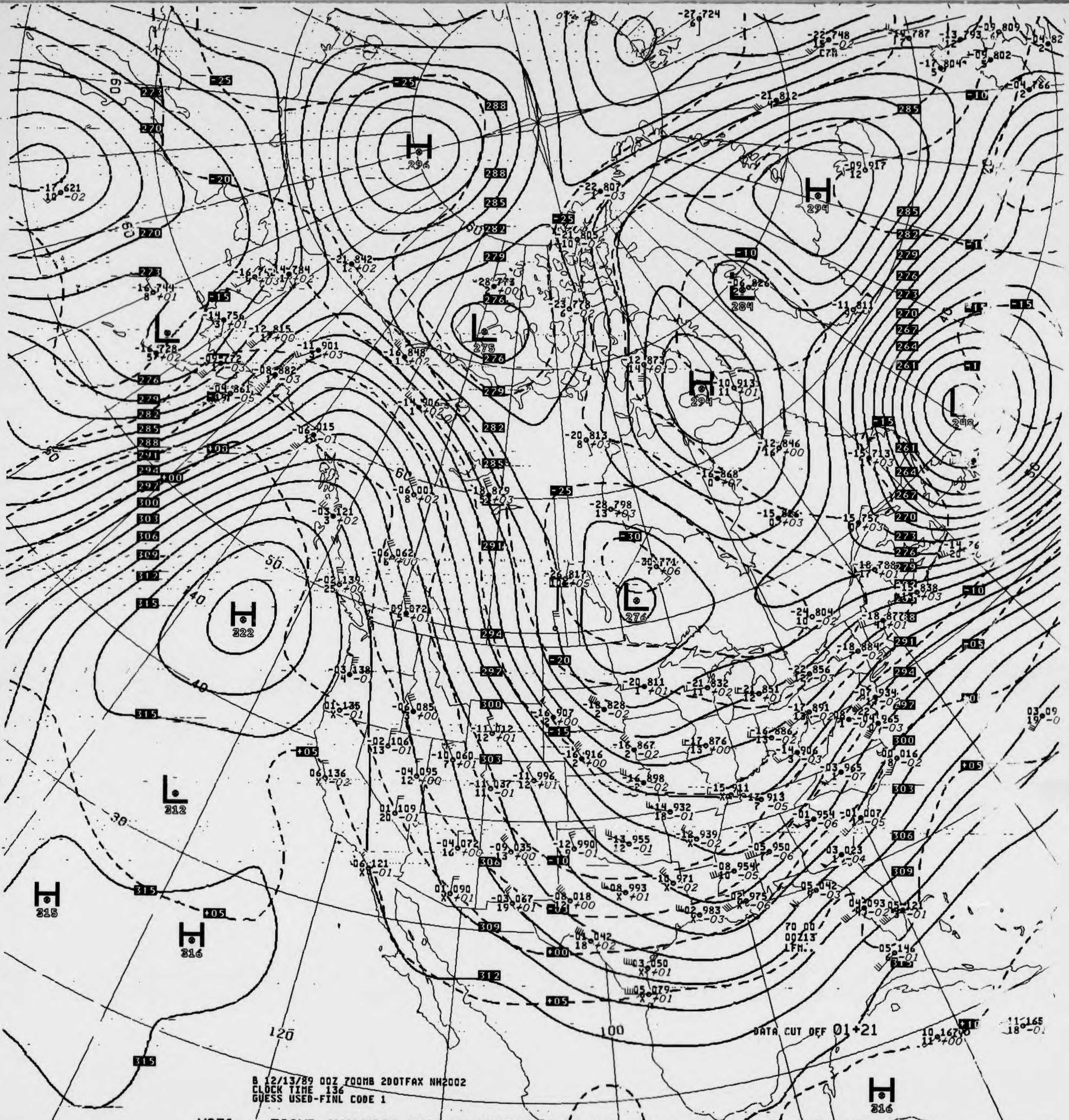
ID 74671 72273
LAT/LONG 36N087W 31N110W


L
262
L
270
L
272
H
296
L
275
H
295
H
293
L
272
H
321
L
315
H
318
H
319
DATA CUT OFF 01+30
70 0010
12212
LFM..

B 12/12/89 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1348
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 12 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 296
H 294
H 294
L 275
L 276
L 248
H 322
L 312
H 315
H 316
H 316
E 284
DATA CUT OFF 01+21
70 00
00Z13
LFM
120
100
60
50
40
30
-25
-20
-15
-10
-30
+00
+05
273
270
276
279
282
285
288
291
294
297
300
303
306
309
312
315

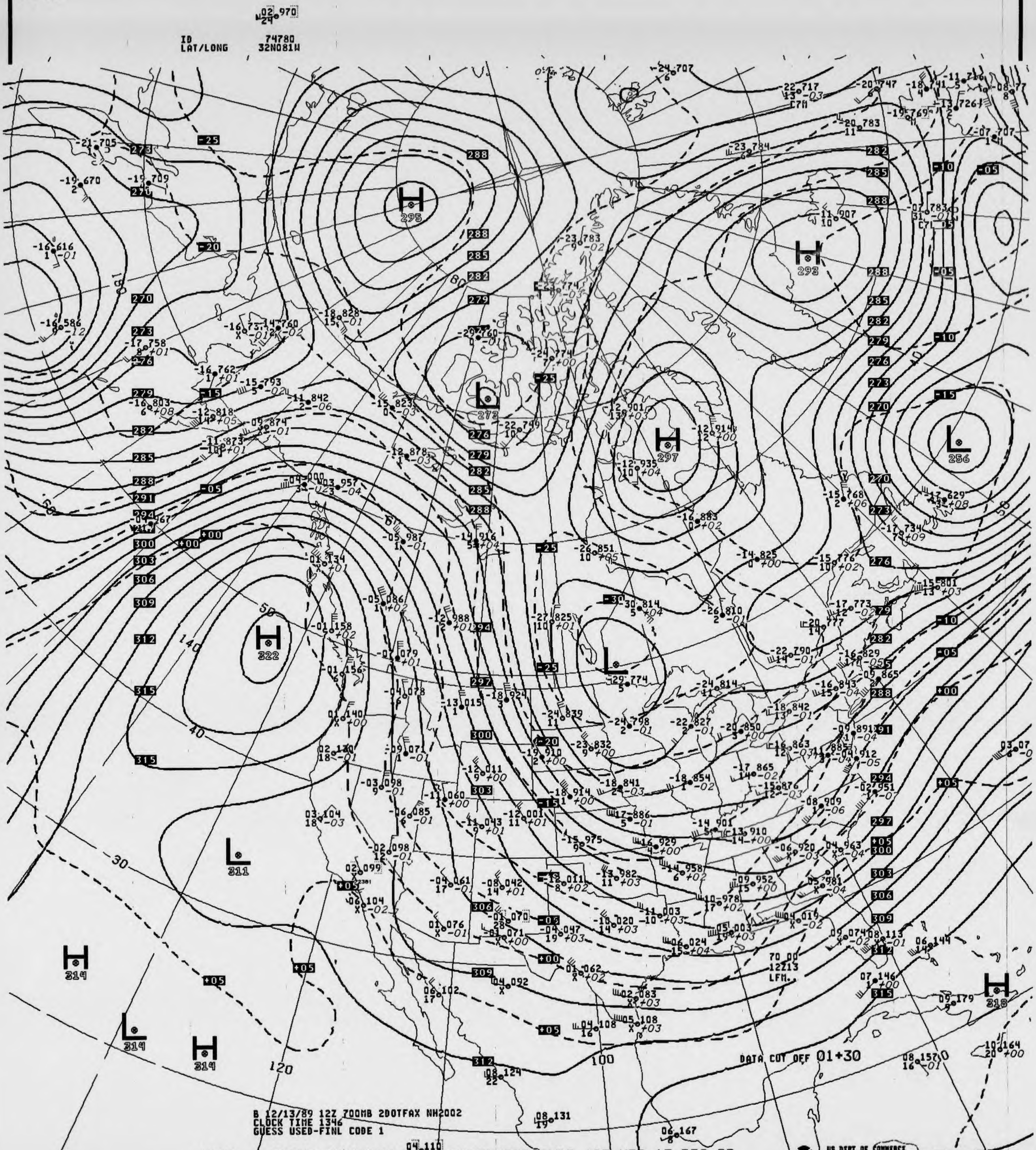
B 12/13/89 00Z 700MB 200TFAX NH2002
CLOCK TIME 136
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 13 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

ID 74780
LAT/LONG 32N081W


02 970
24
H 295
L 273
H 297
H 293
L 256
H 322
L 311
H 314
L 314
H 314
H 318
L 774
DATA CUT OFF 01+30
B 12/13/89 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1

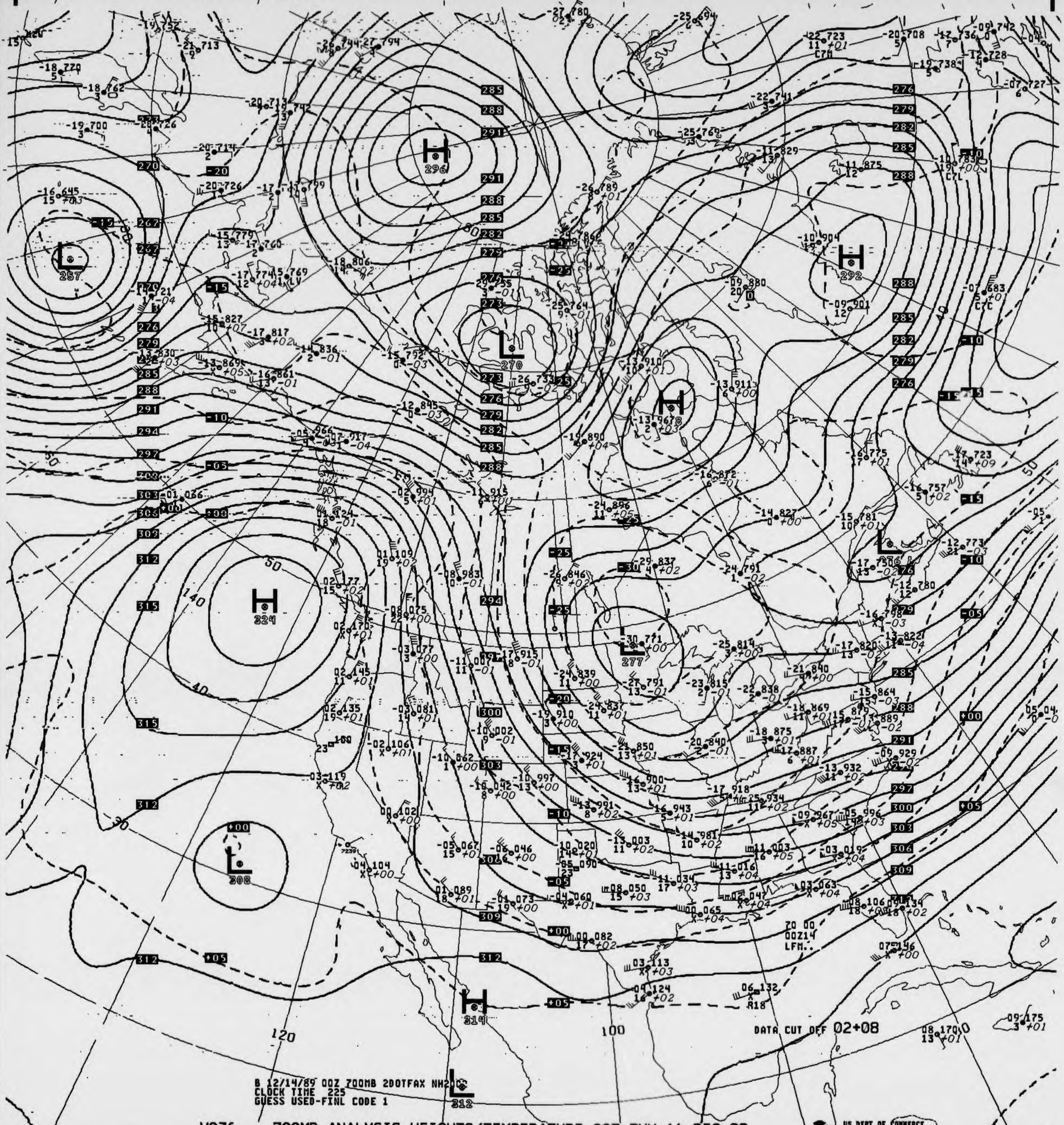
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 13 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

03 104
X

ID 72391
LAT/LONG 34N119W



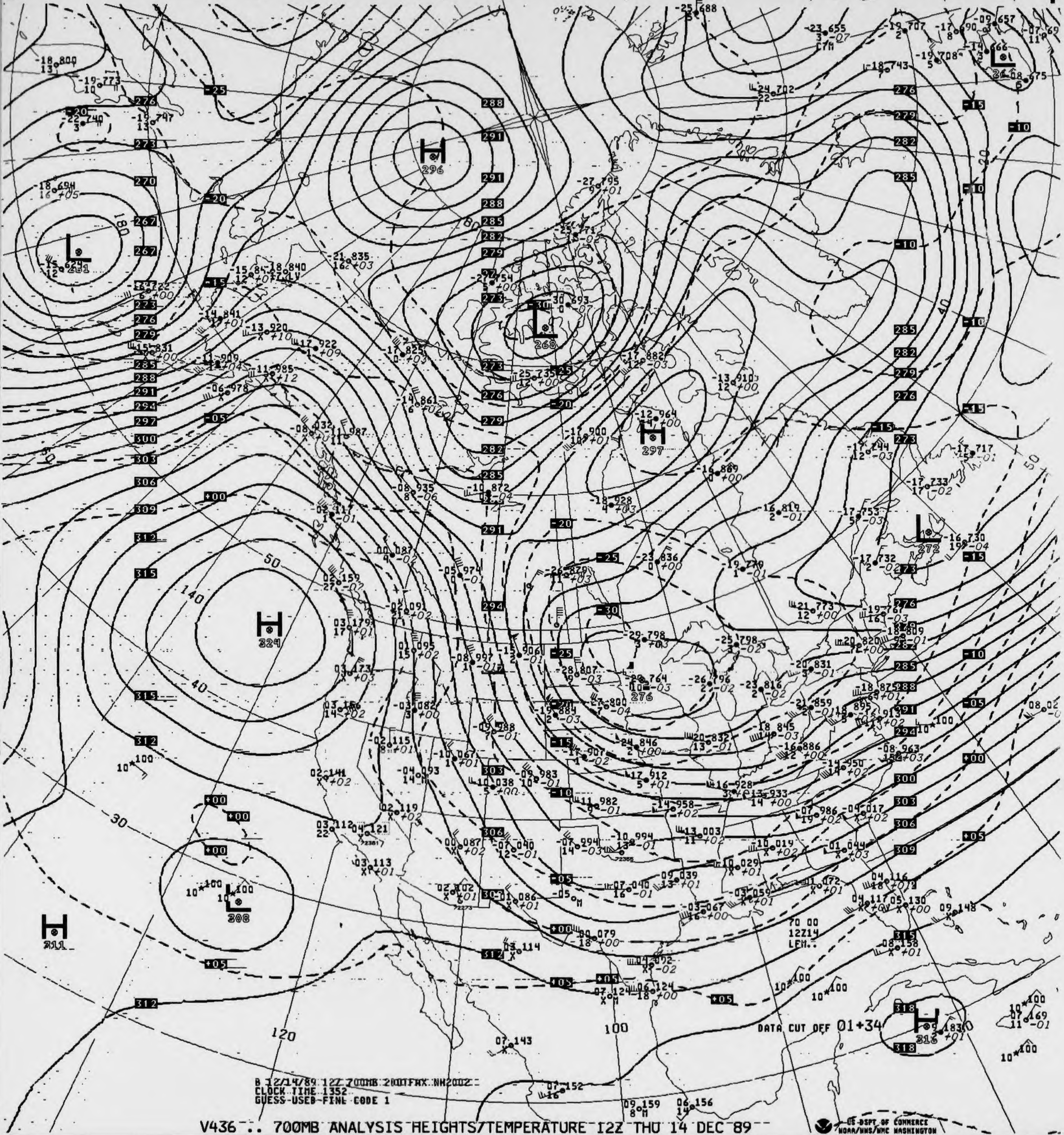
H
296
L
257
L
270
H
292
H
324
L
277
L
308
H
314
L
312
120
100
DATA CUT OFF 02+08
ZO 00
00Z14
LFM..
B 12/14/89 00Z 700MB 2DOTFAX NH2C
CLOCK TIME 225
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 14 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

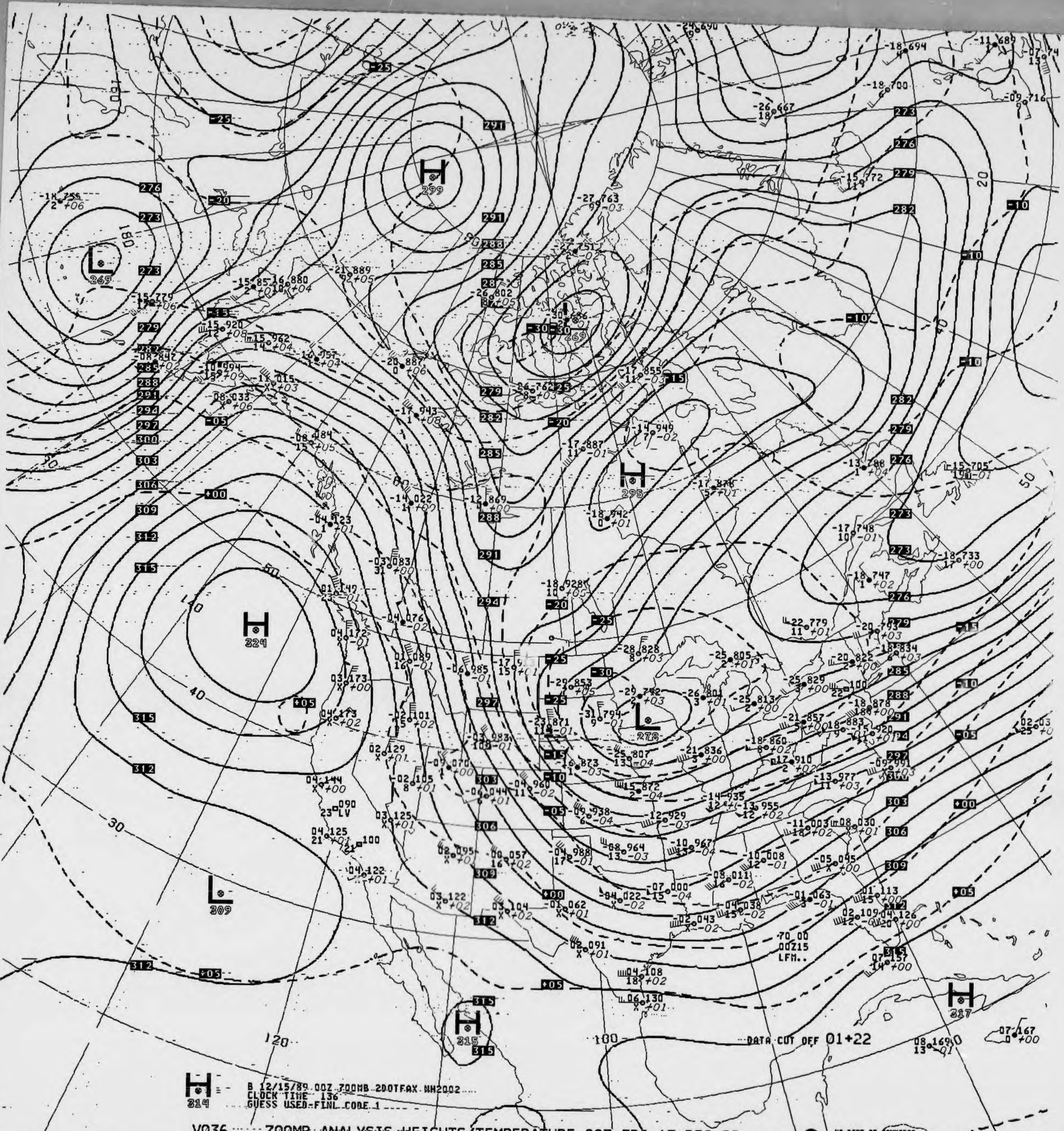
	09 014 11	02 102 36
ID	72355	72273
LAT/LONG	34N098W	31N110W



H 296
L 268
H 297
L 231
L 272
H 324
L 308
H 311
H 316
DATA CUT OFF 01+34
70 00
12Z14
LFM..
B 12/14/89 12Z 700MB 2001FAX NH2002
CLOCK TIME 1352
GUESS-USED-FINE CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 14 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/15/89 00Z 700MB 200TFAX NH2002
CLOCK TIME 136
GUESS USED-FINL CODE 1
DATA CUT OFF 01+22
H 299
L 269
H 295
H 324
L 278
L 309
H 315
H 317
H 314
-70 00
00Z15
LFM..
120
100
180
50
40
30
20

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 15 DEC 89

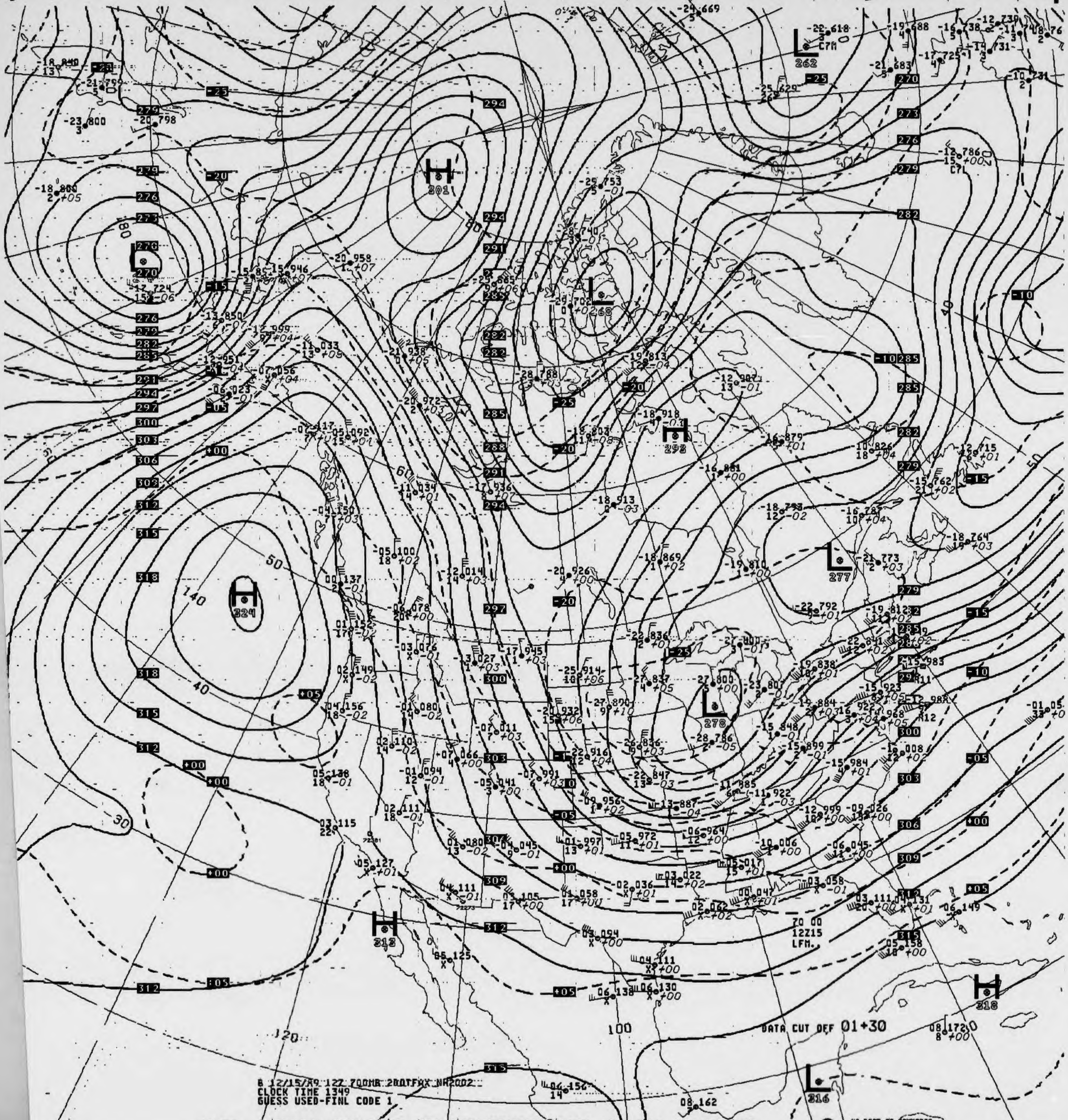
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

ID
LAT/LONG

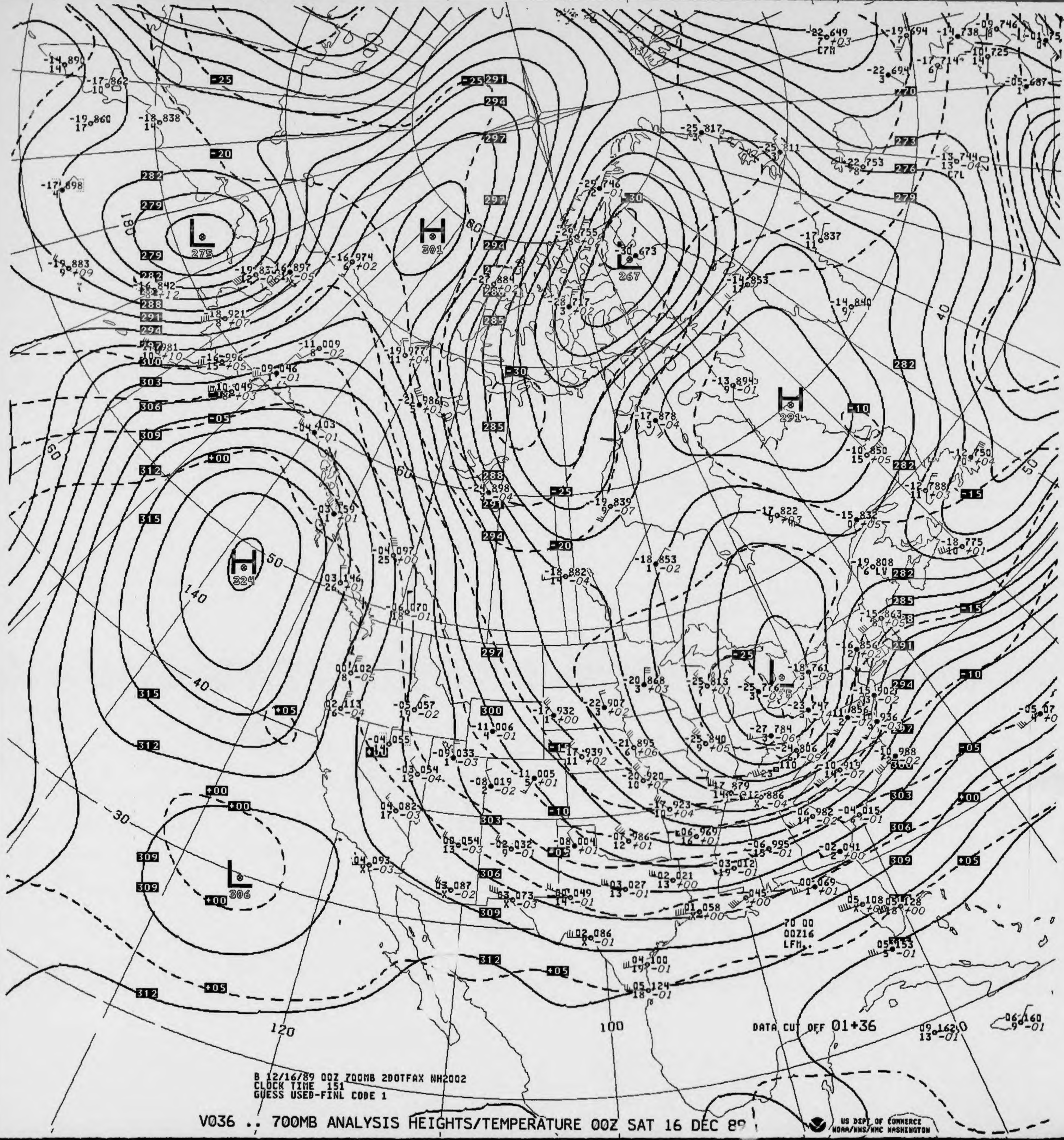
04 106
46
72273
31N110W

04 131
X
72381
34N116W


H
301
H
324
H
312
H
318
L
262
L
270
L
268
L
277
L
278
L
316
H
293
DATA CUT OFF 01+30
70 00
12Z15
LFM.
B 12/15/89 12Z 700MB 2001FAX NA2002
CLOCK TIME 1349
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 15 DEC 89

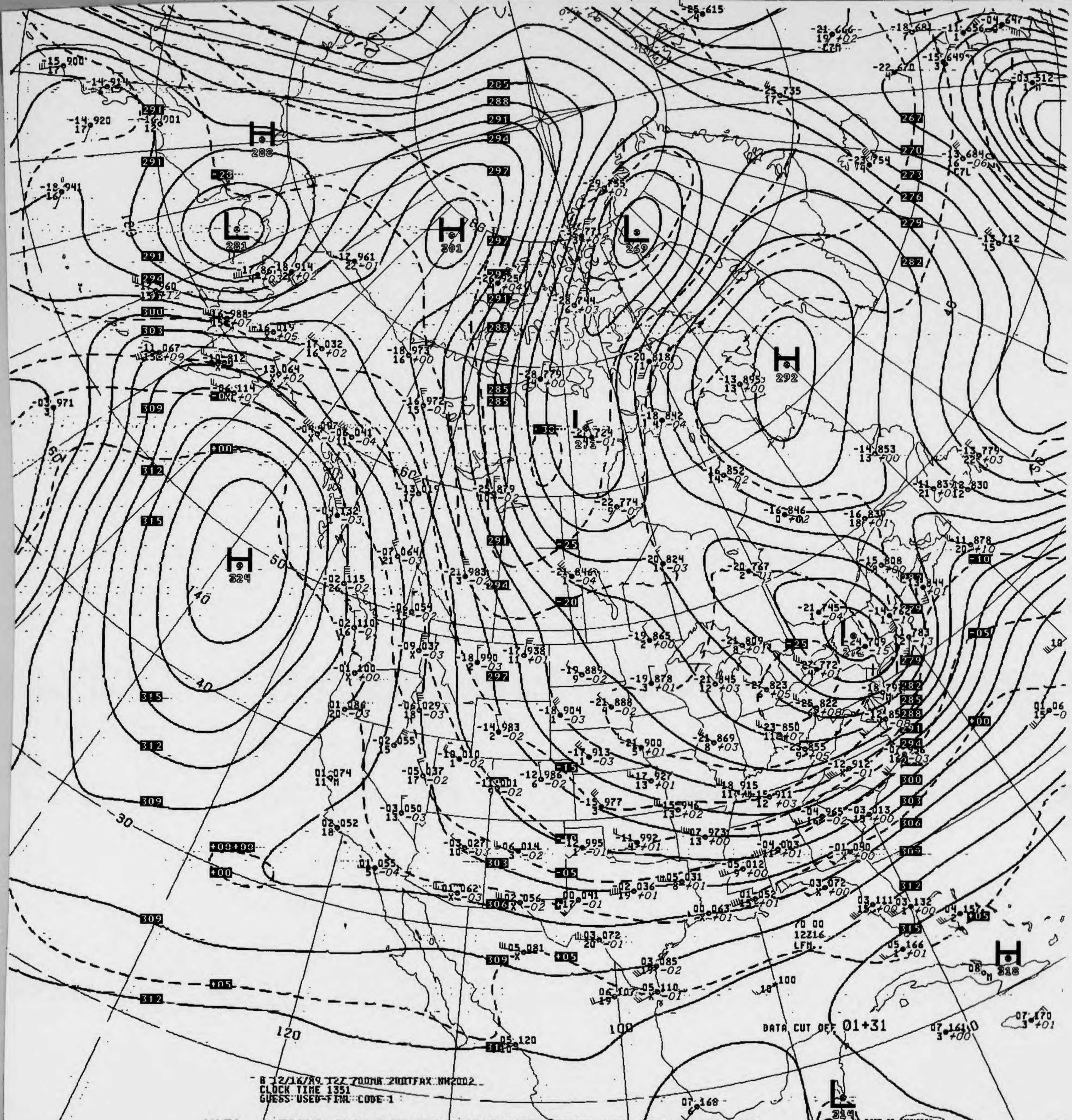
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
275
H
301
L
267
H
291
H
324
L
306
L
DATA CUT OFF 01+36
70 00
00Z16
LFM..
120
100
60
50
40
30
140
180

B 12/16/89 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 16 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/16/89 12Z 700MB 200TFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1
DATA CUT OFF 01+31
70 00
12Z16
LFM..
H
288
L
281
H
301
L
269
H
292
L
272
H
324
L
H
318
L
314
120
100
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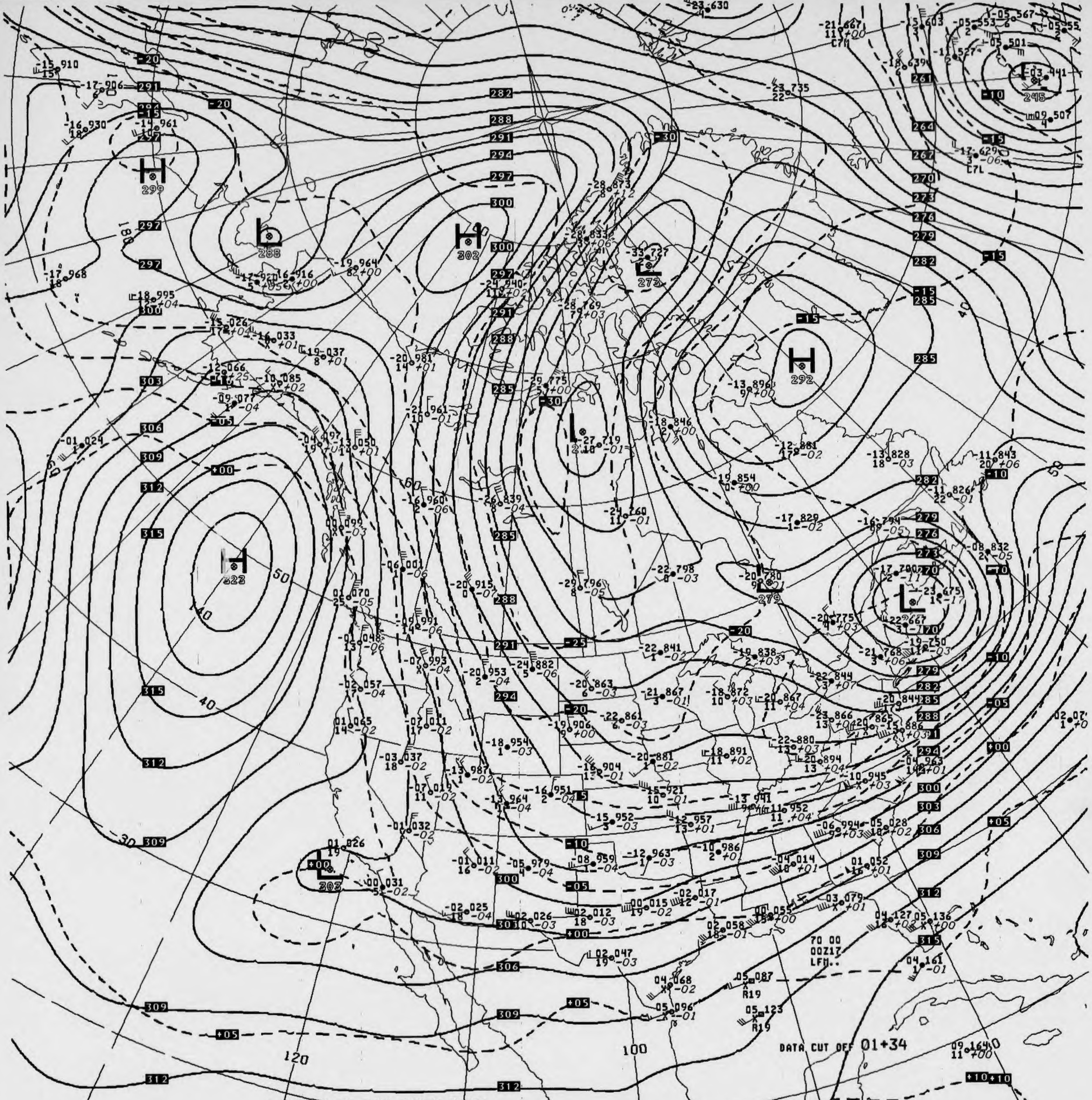
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 16 DEC 89

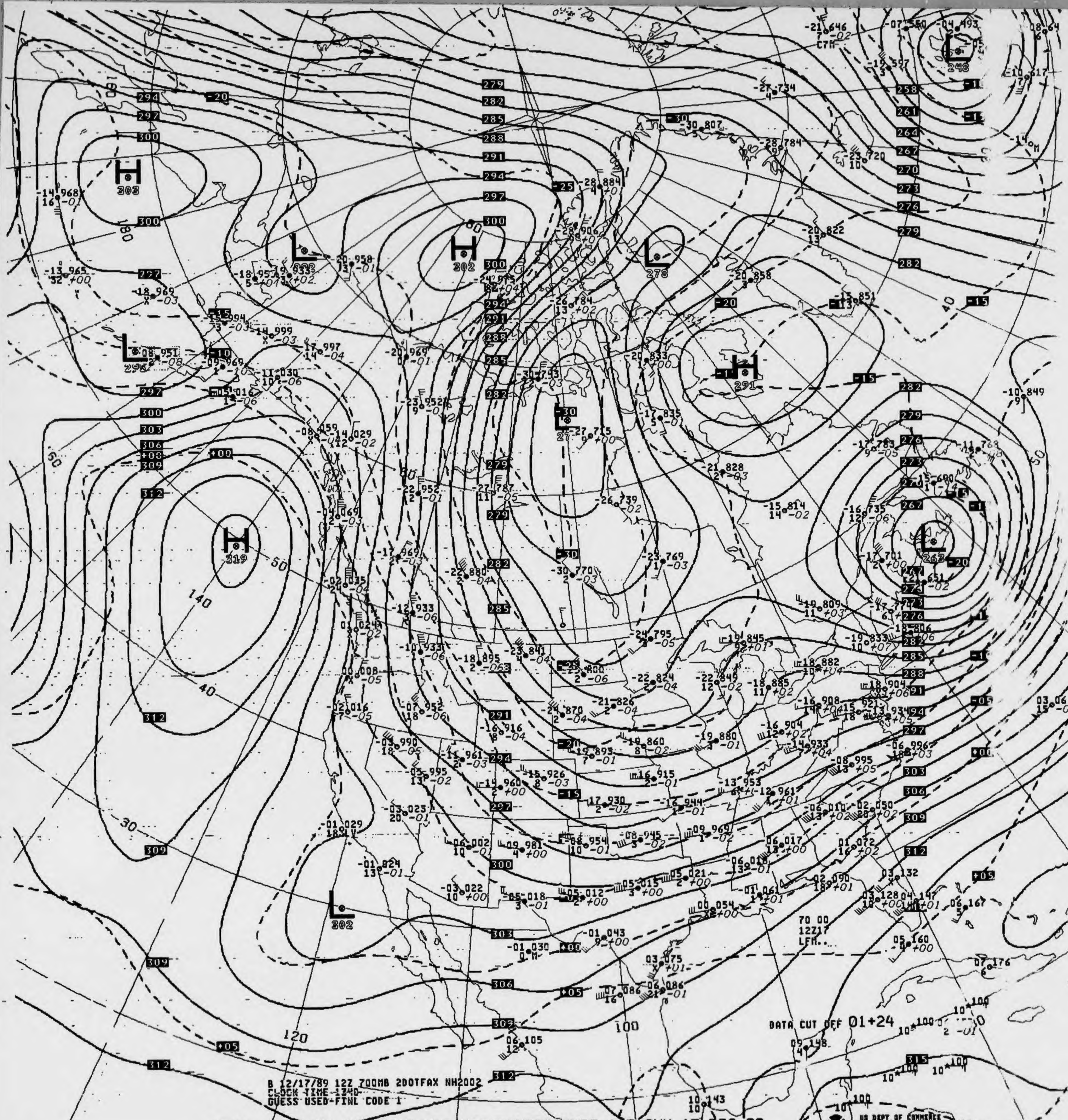
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
299
288
H
302
273
H
292
L
245
H
323
L
279
L
303
DATA CUT OFF 01+34
70 00
00Z17
LFM..
180
120
100
60
50
40
30
312
309
306
303
300
297
294
291
288
285
282
279
276
273
270
267
264
261
-30
-25
-20
-15
-10
-05
+00
+05
+10

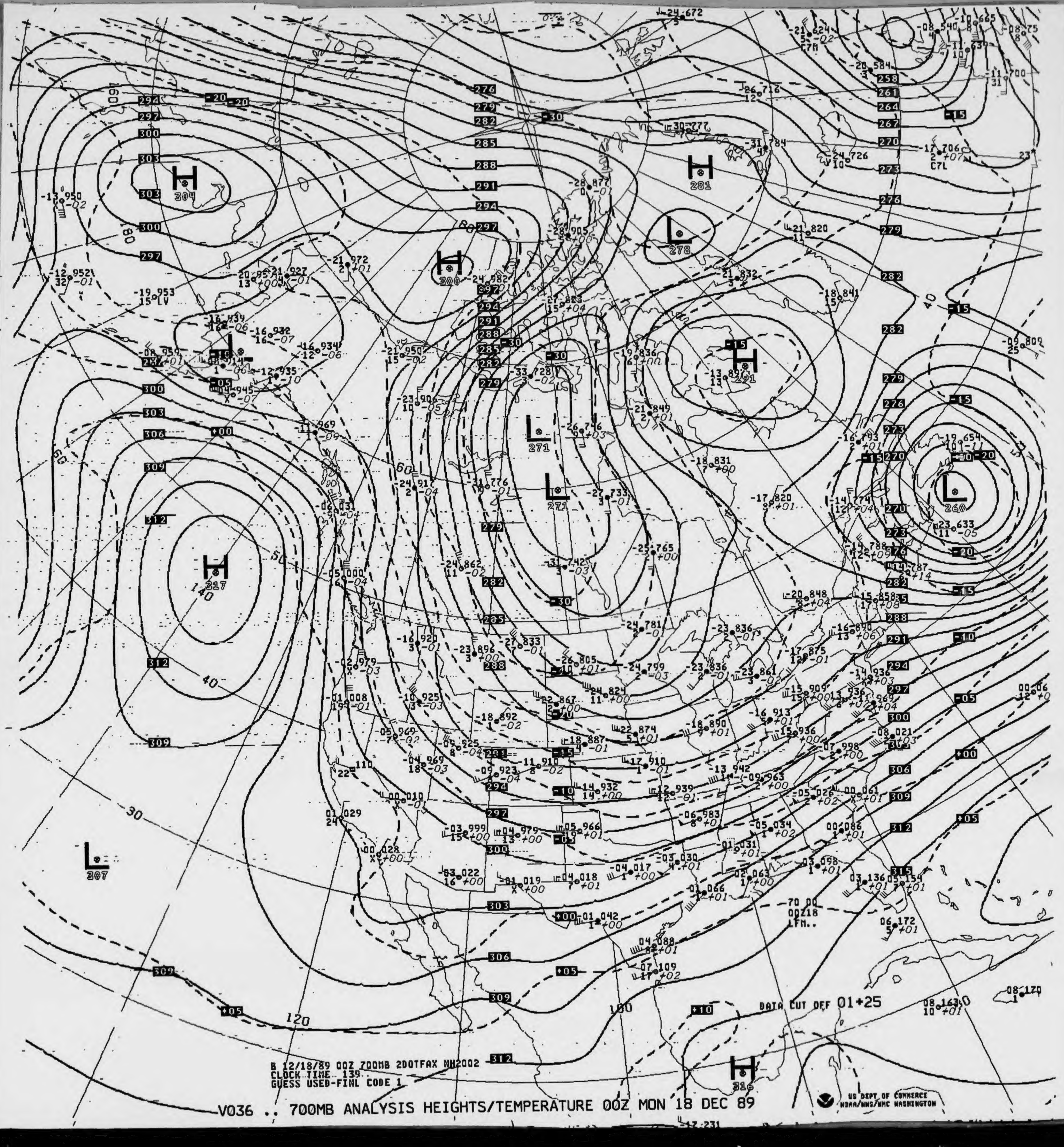
B 12/17/89 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 150
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 17 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


70 00
12Z17
LFM..
DATA CUT OFF 01+24
B 12/17/89 12Z 700MB 200TFAX NH2002
CLOCK TIME 1340
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 17 DEC 89



H 304
H 300
H 281
L 278
H 291
L 271
L 271
L 260
H 317
L 307
H 316
DATA CUT OFF 01+25
70 00
00Z18
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 12/18/89 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1

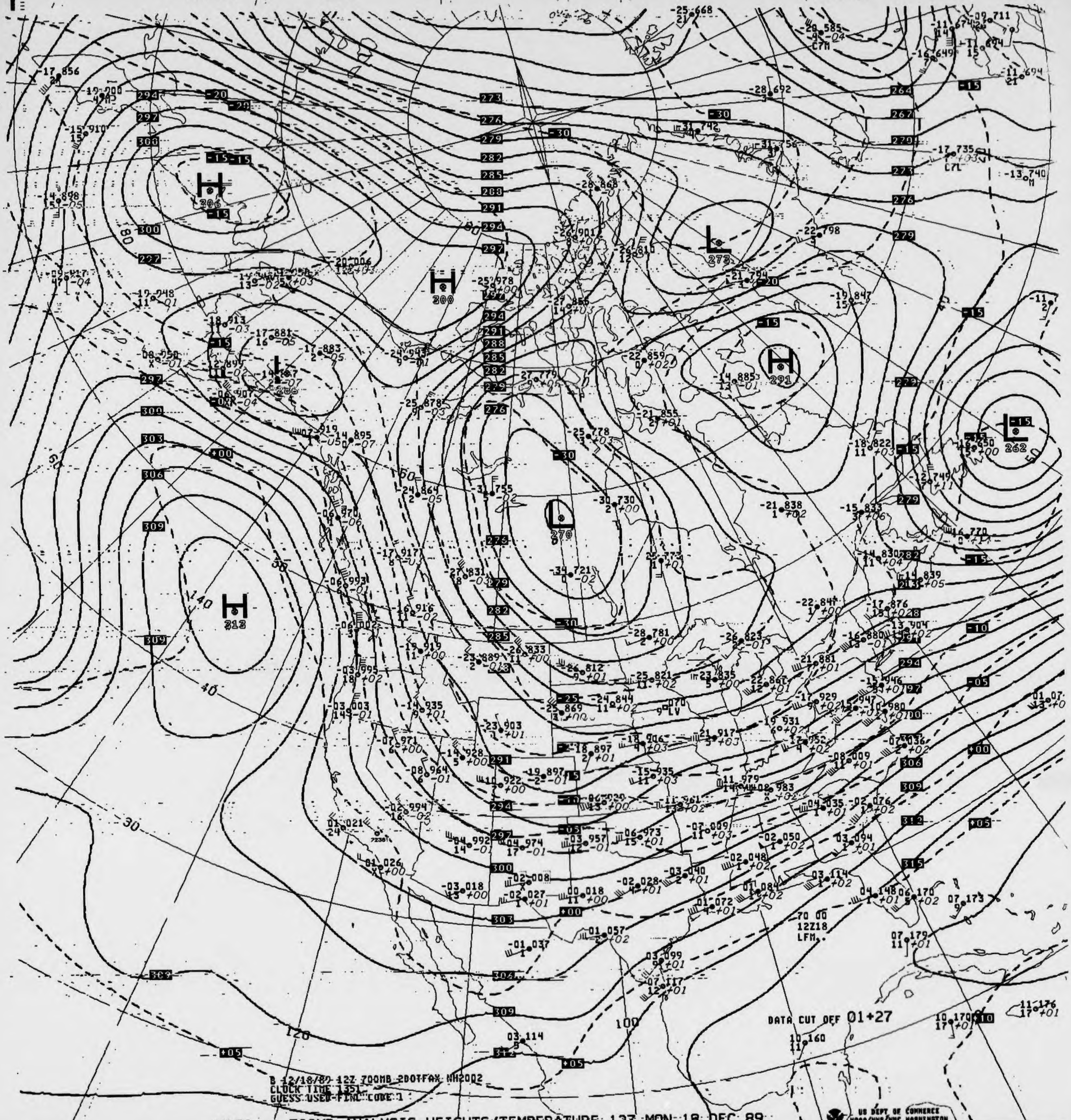
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 18 DEC 89

700MB

08 013
X

ID
LAT/LONG

72381
34N116W


H
306
H
300
L
288
H
312
L
270
L
273
H
291
L
262
-15
-20
-25
-30
273
276
279
282
285
288
291
294
297
300
303
306
309
312
315
+00
+05
-05
-10
70 00
12Z18
LFM

DATA CUT OFF 01+27

B 12/18/89 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1351
GUESS USED-FINAL CODE 1

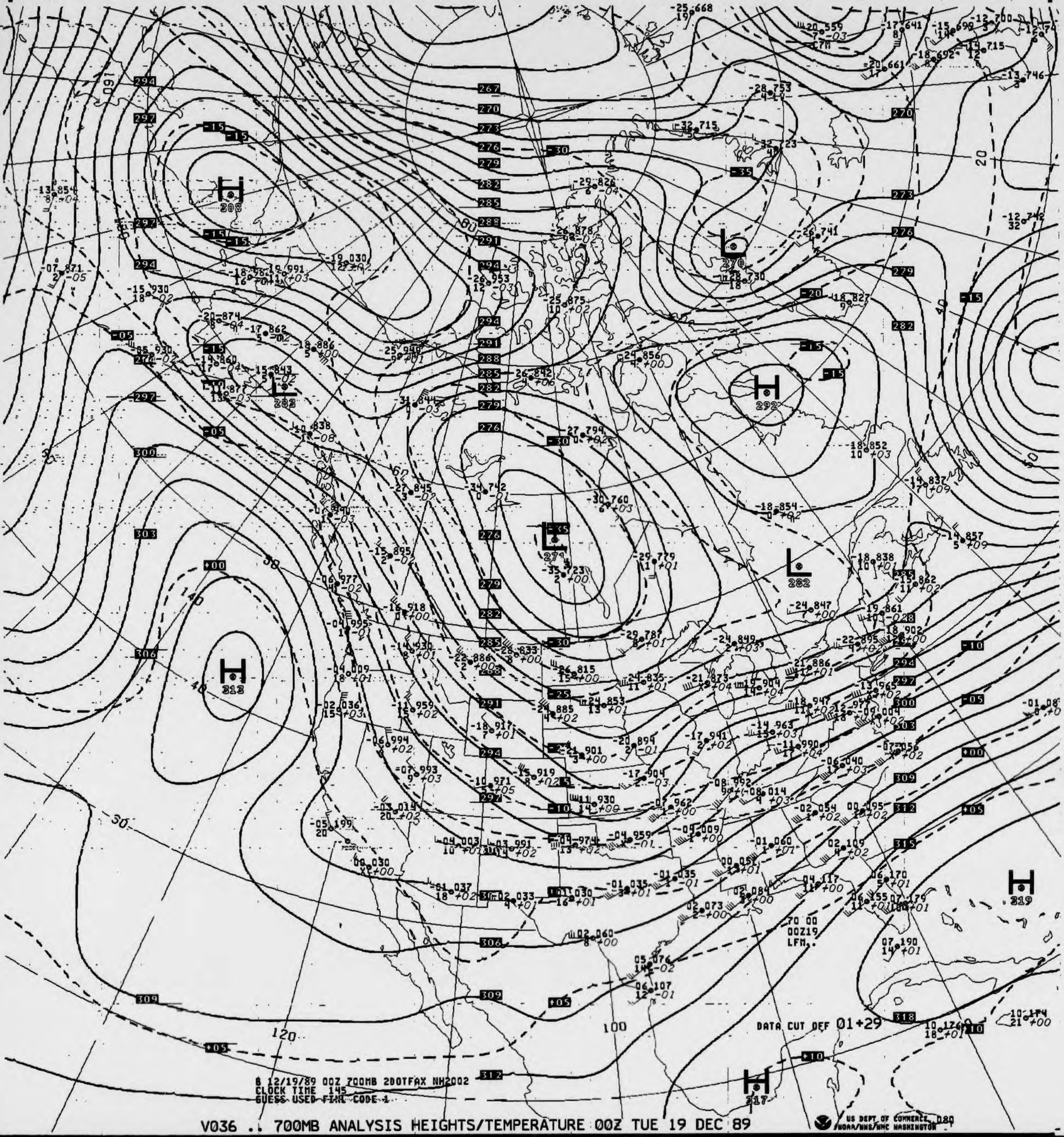
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 18 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

01 017
X

ID 72391
LAT/LONG 34N119W


H
298
L
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292
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282
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H
313
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319
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317
267
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273
276
279
282
285
288
291
294
297
300
303
306
309
312
315
318
-35
-30
-25
-20
-15
-10
-05
+00
+05
+10
160
140
120
100
60
40
20
30
DATA CUT OFF 01+29
70 00
00Z19
LFM

8 12/19/89 00Z 700MB 200TFAX NH2002
CLOCK TIME 145
GUESS USED FIM CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 19 DEC 89

US DEPT OF COMMERCE D80
NOAA/NWS/NMC WASHINGTON

700MB

-04 063
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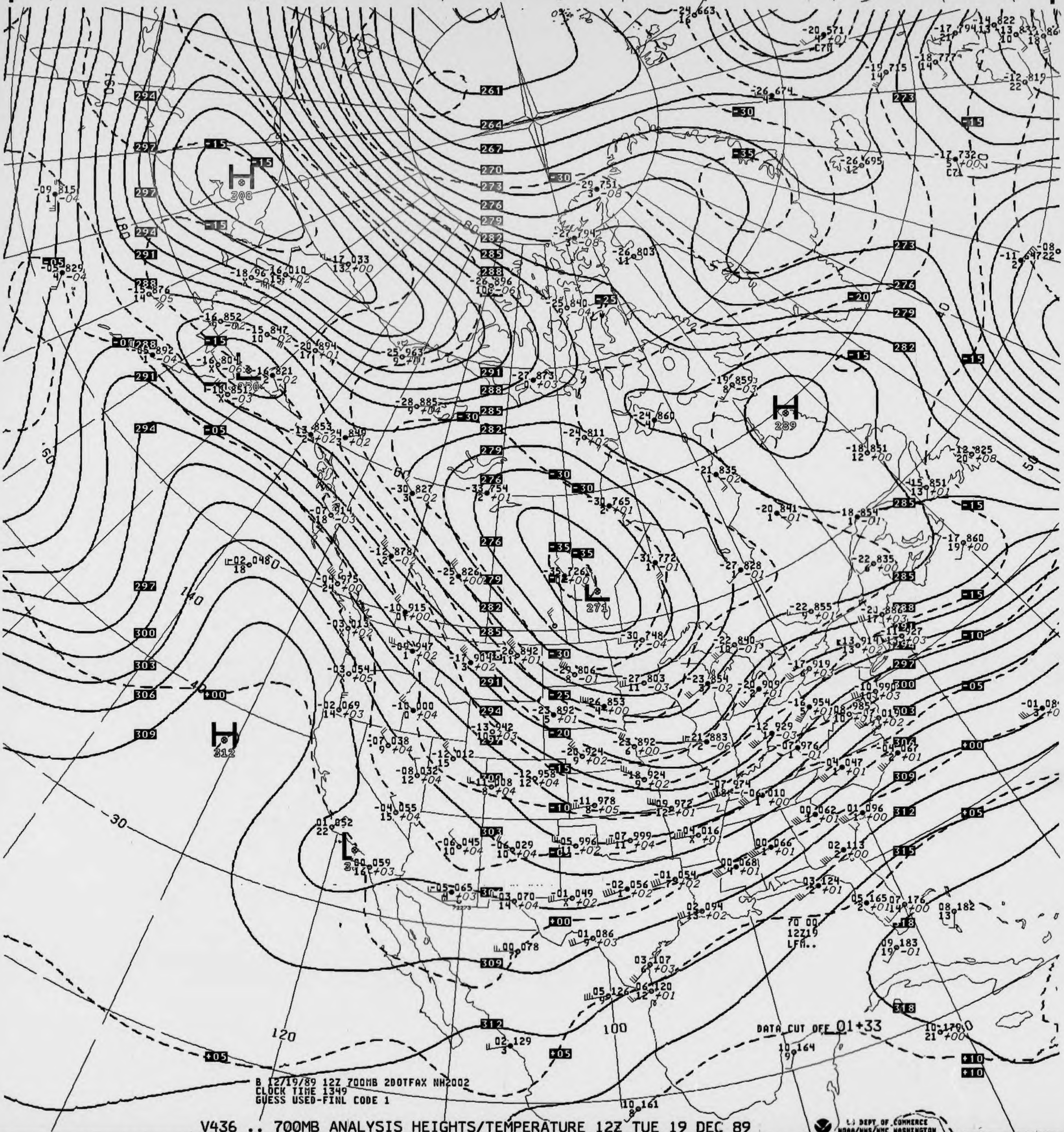
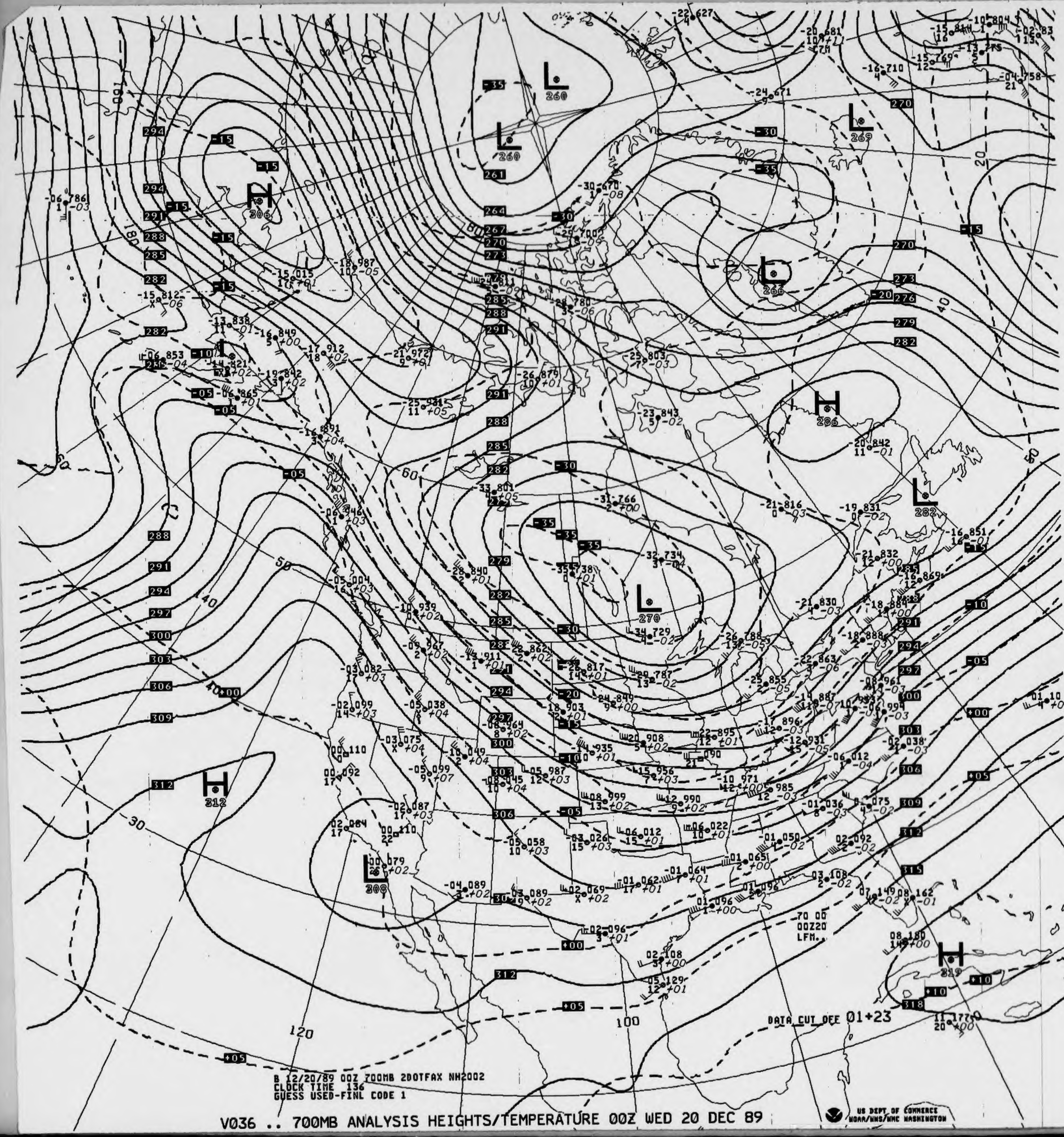
ID 72273
LAT/LONG 31N110W


H
308
L
H
289
L
271
H
312
L
DATA CUT OFF 01+33
70 00
12Z19
LFM..
180
160
140
120
100
60
50
40
30

B 12/19/89 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1349
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 19 DEC 89

U.S. DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+23
70 00
00Z20
LFM..
L 260
L 260
L 269
L 266
L 282
L 270
L 308
H 206
H 286
H 312
H 319
100
120
180
160
80
60
50
40
30
20

B 12/20/89 00Z 700MB 200TFAX NH2002
CLOCK TIME 136
GUESS USED-FINL CODE 1

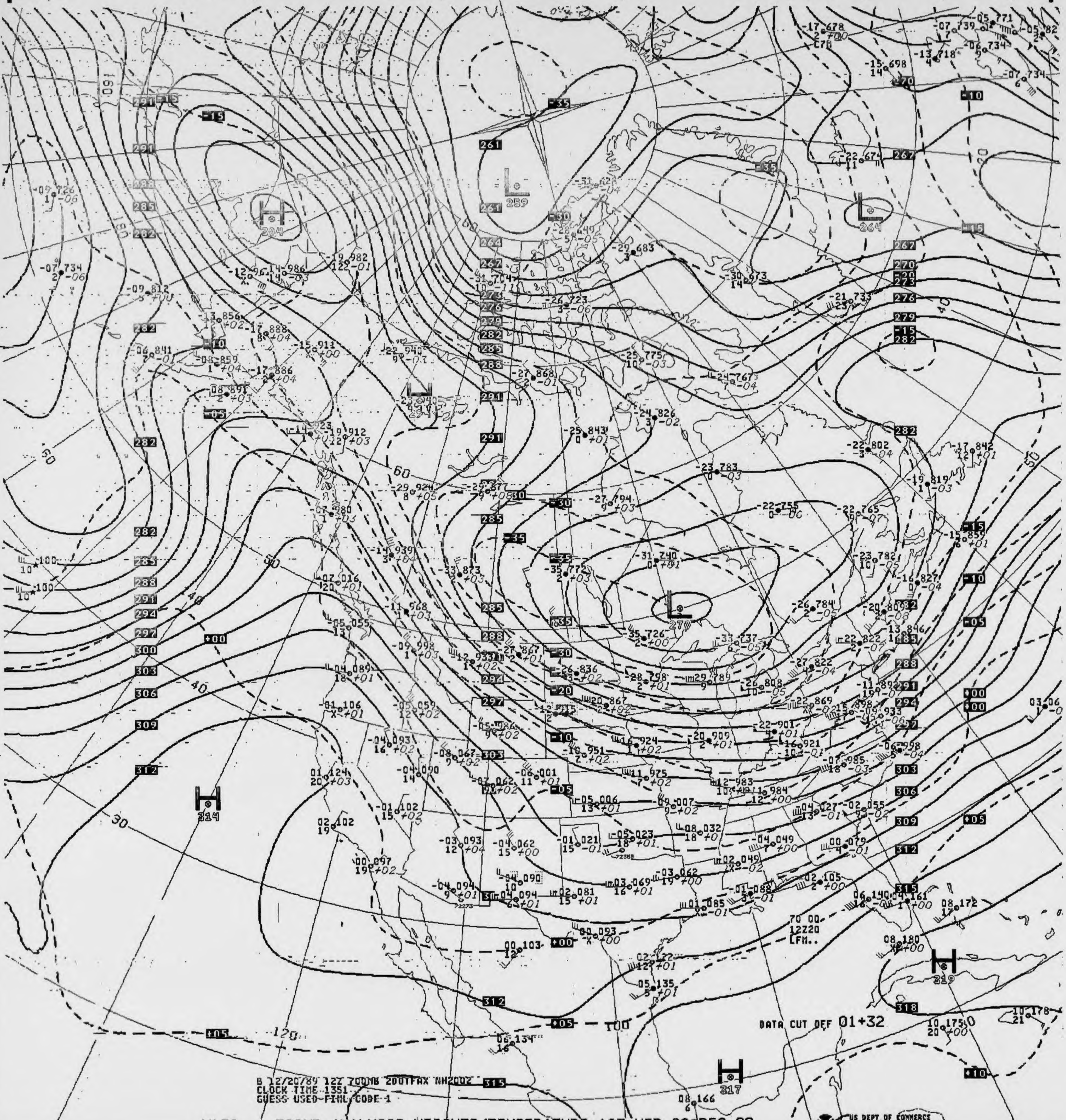
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

-05 037 01 091
13 -- 28 --

ID 72355 72273
LAT/LONG 34N098W 31N110W


H 304
L 259
L 264
L 270
H 314
H 319
H 317
70 00
12Z20
LFM..
DATA CUT OFF 01+32

B 12/20/89 12Z 700MB 2001FAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1

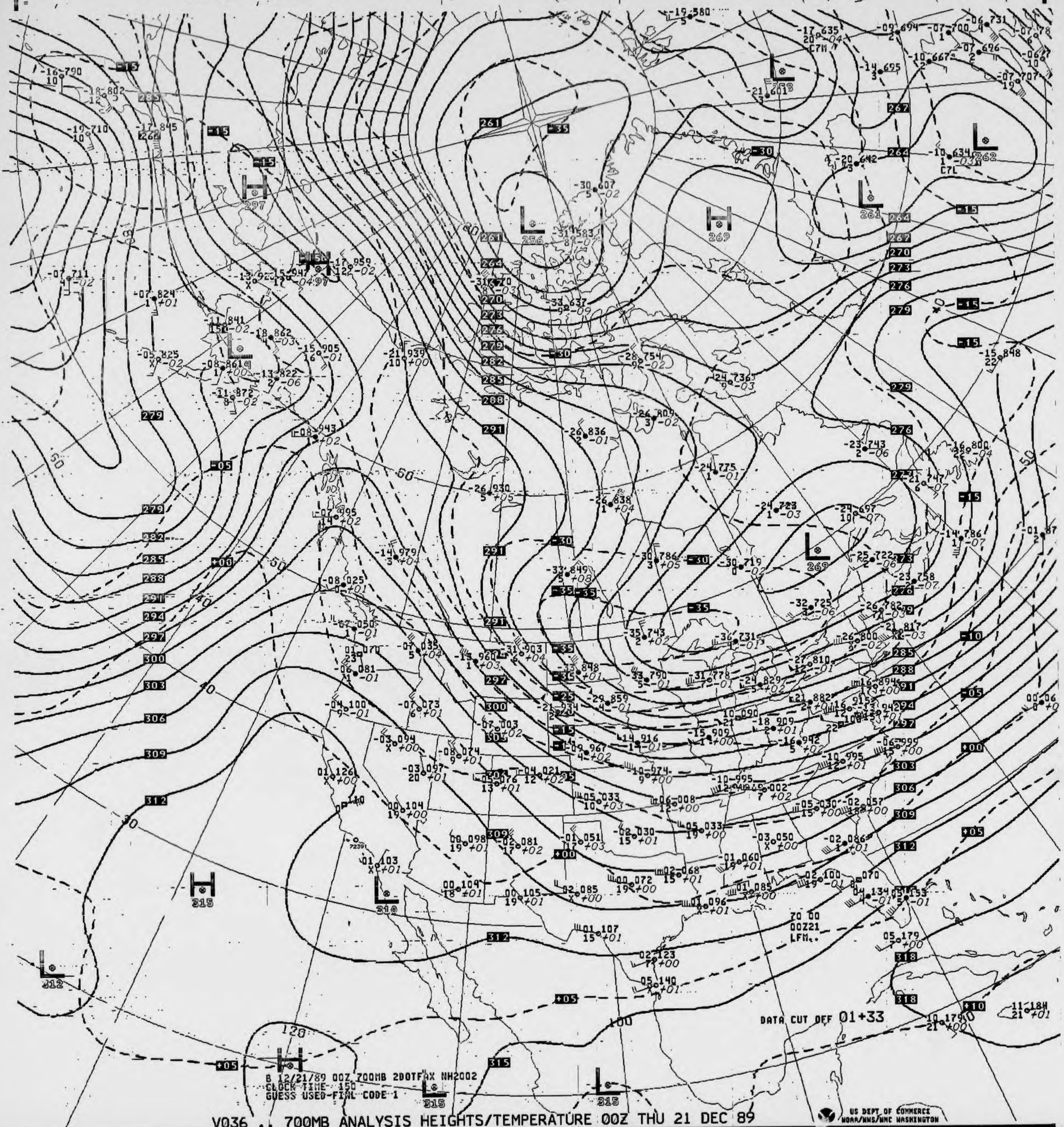
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

01 112
X LV

ID 72391
LAT/LONG 34N119W


DATA CUT OFF 01+33
B 12/21/89 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 150
GUESS USED-FINAL CODE 1
70 00
00Z21
LFM..
H
297
H
269
H
315
L
256
L
261
L
262
L
269
L
312
L
310
L
315

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 21 DEC 89

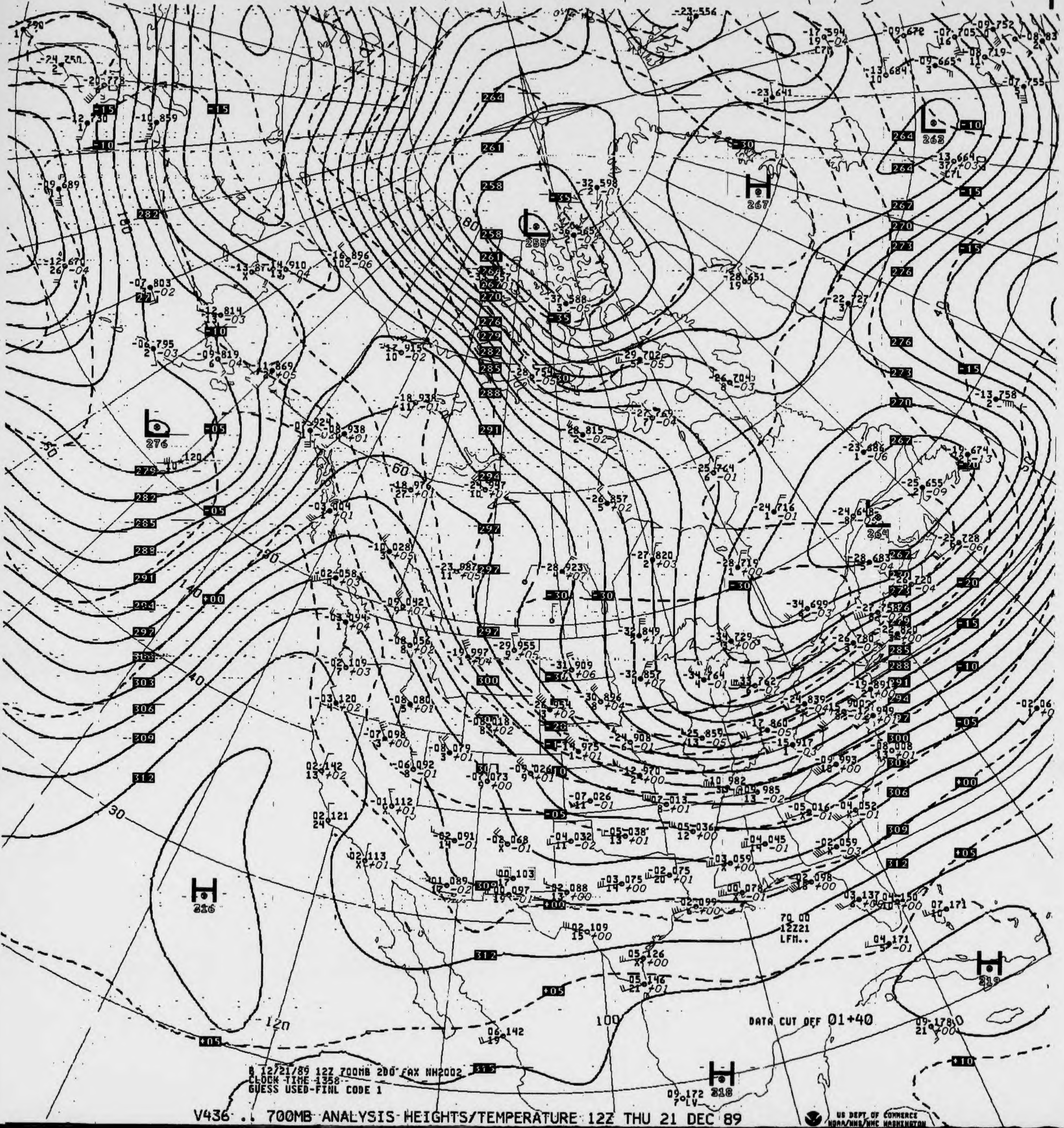
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

00 093
22

ID
LAT/LONG

72273
31N110W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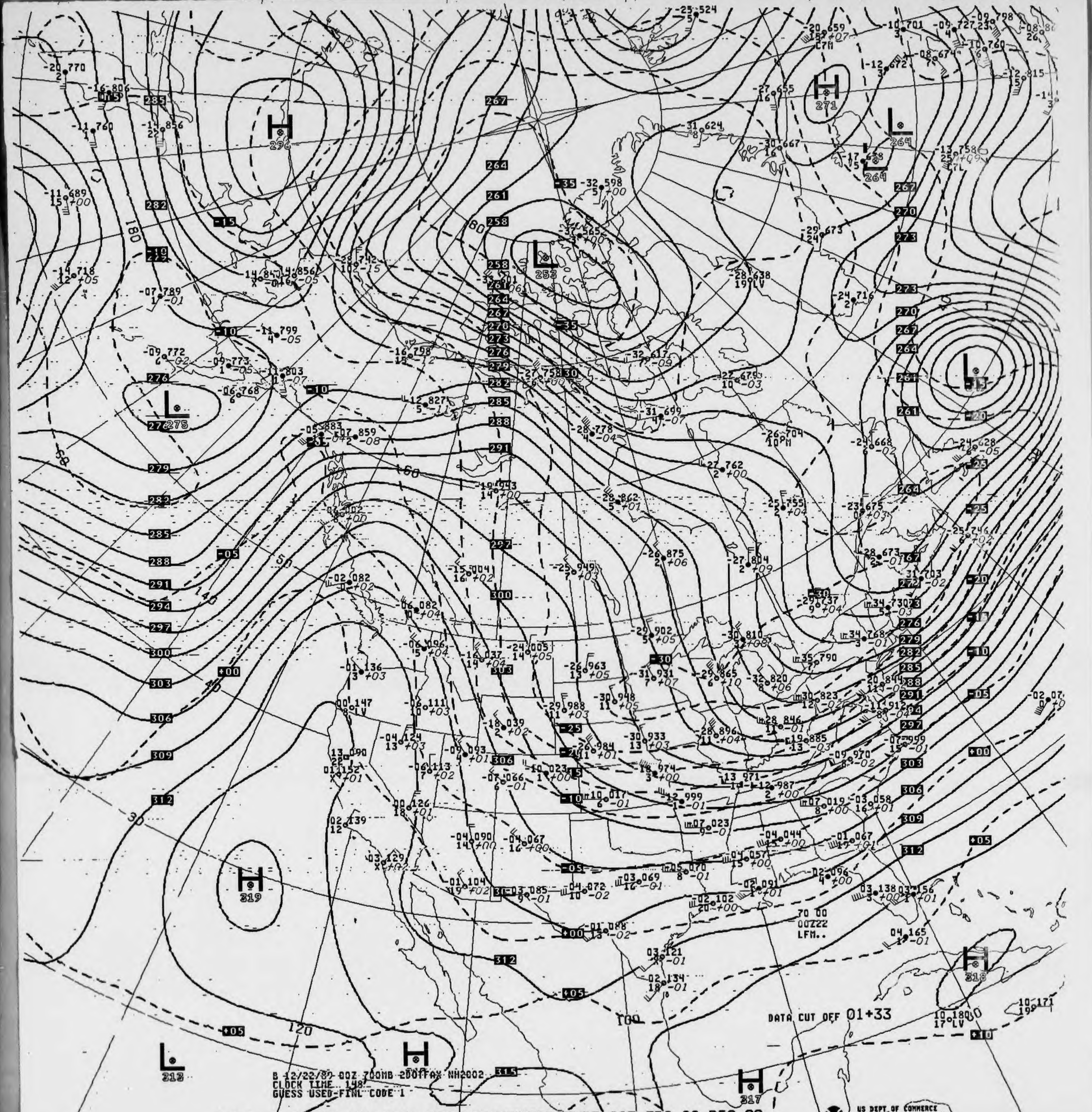
12Z21
LFM..
B 12/21/89 12Z 700MB 200 FAX NH2002
CLOCK TIME 1358
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 21 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 296
H 271
L 264
L 253
L 275
L
H 319
H 318
L 213
H
H 317
180
160
140
120
100
DATA CUT OFF 01+33
70 00
00ZZZ
LFM..
B 12/22/89 00Z 700MB 2D0IFAX NH2002
CLOCK TIME 148
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 22 DEC 89

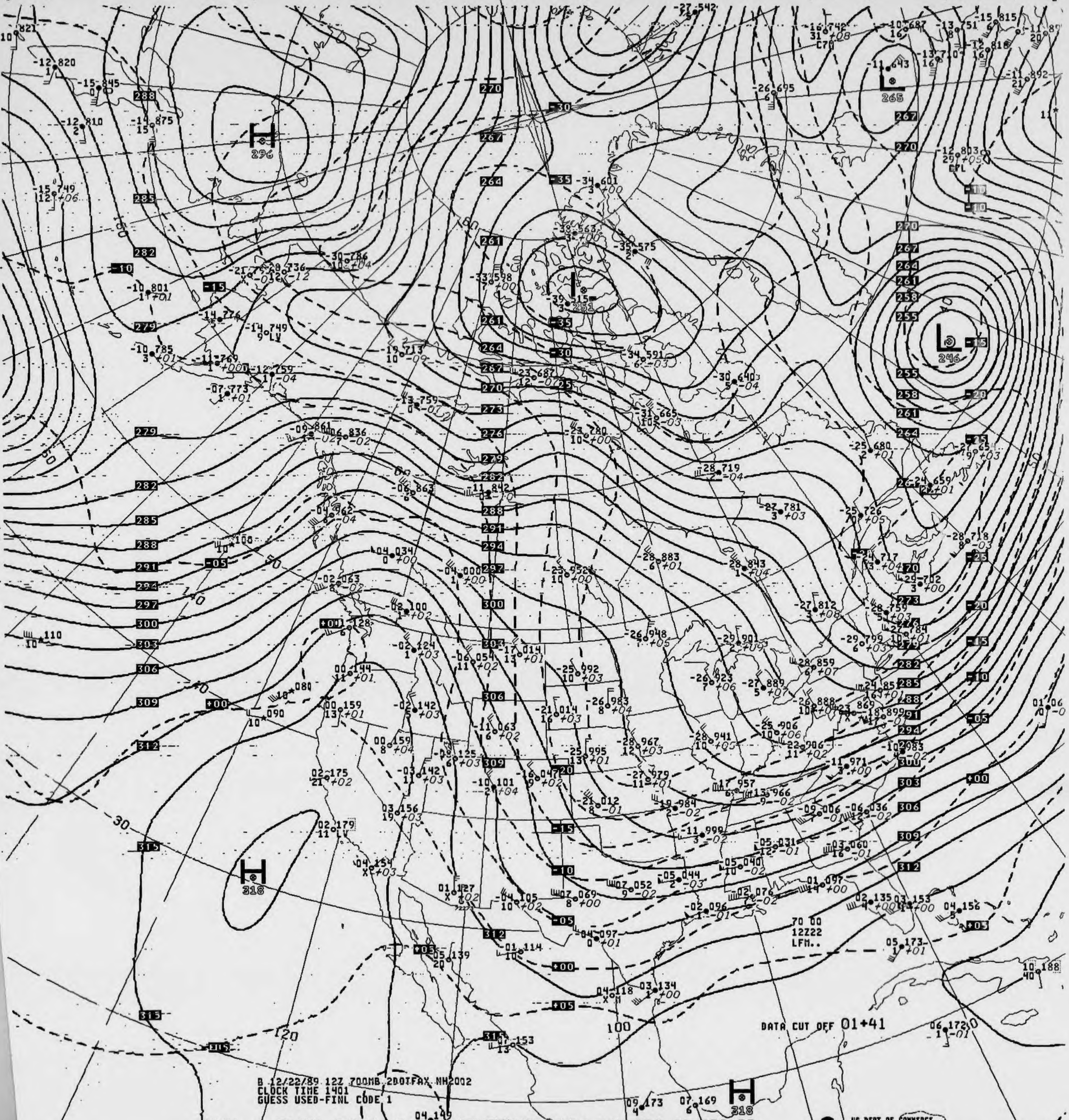
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

01 121
27

ID
LAT/LONG

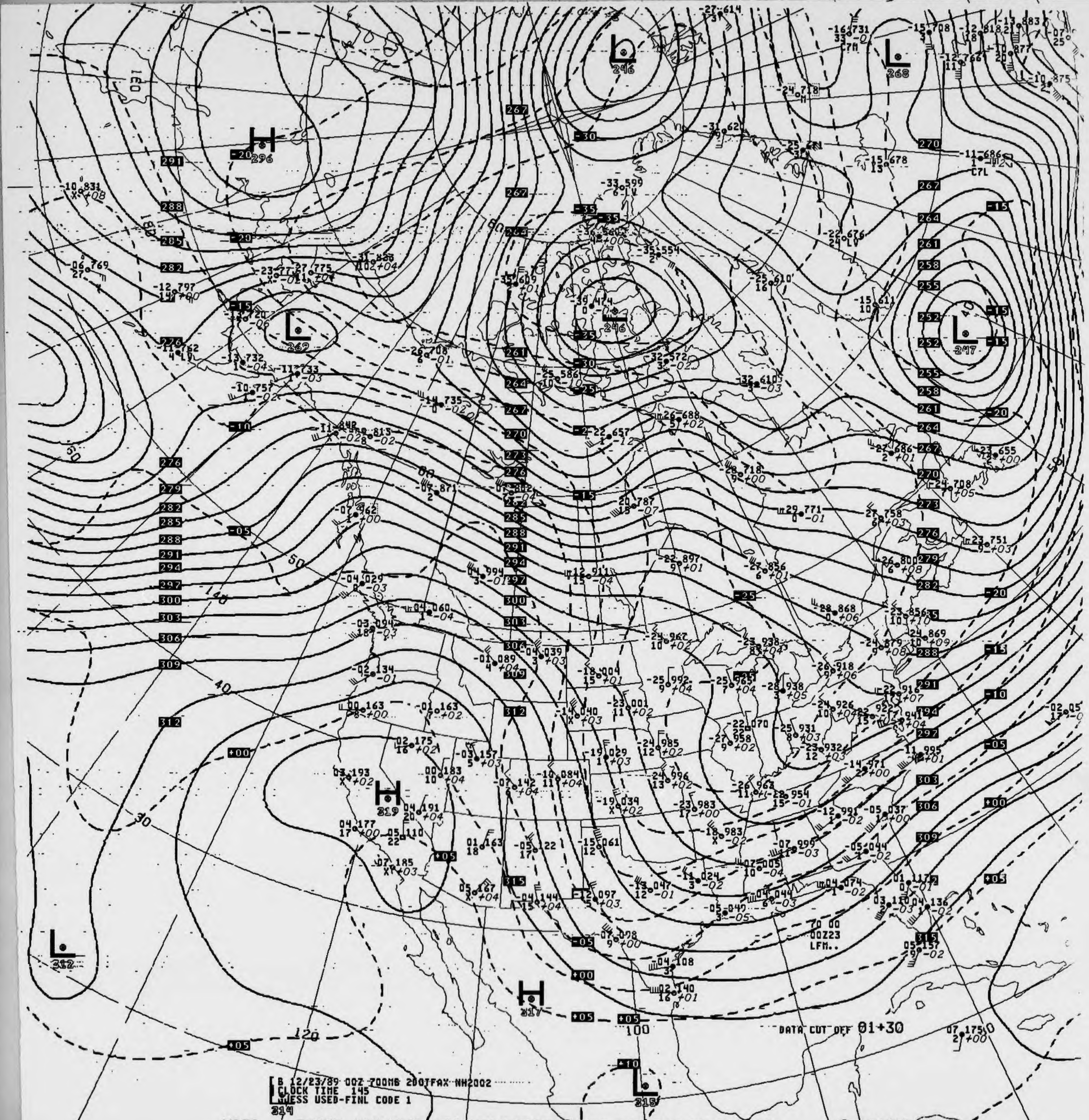
72273
31N110W


H
296
L
251
L
265
L
246
H
318
H
318
70 00
12Z22
LFM..
DATA CUT OFF 01+41

B 12/22/89 12Z 700MB 2D0TFAX NH2002
CLOCK TIME 1401
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 22 DEC 89

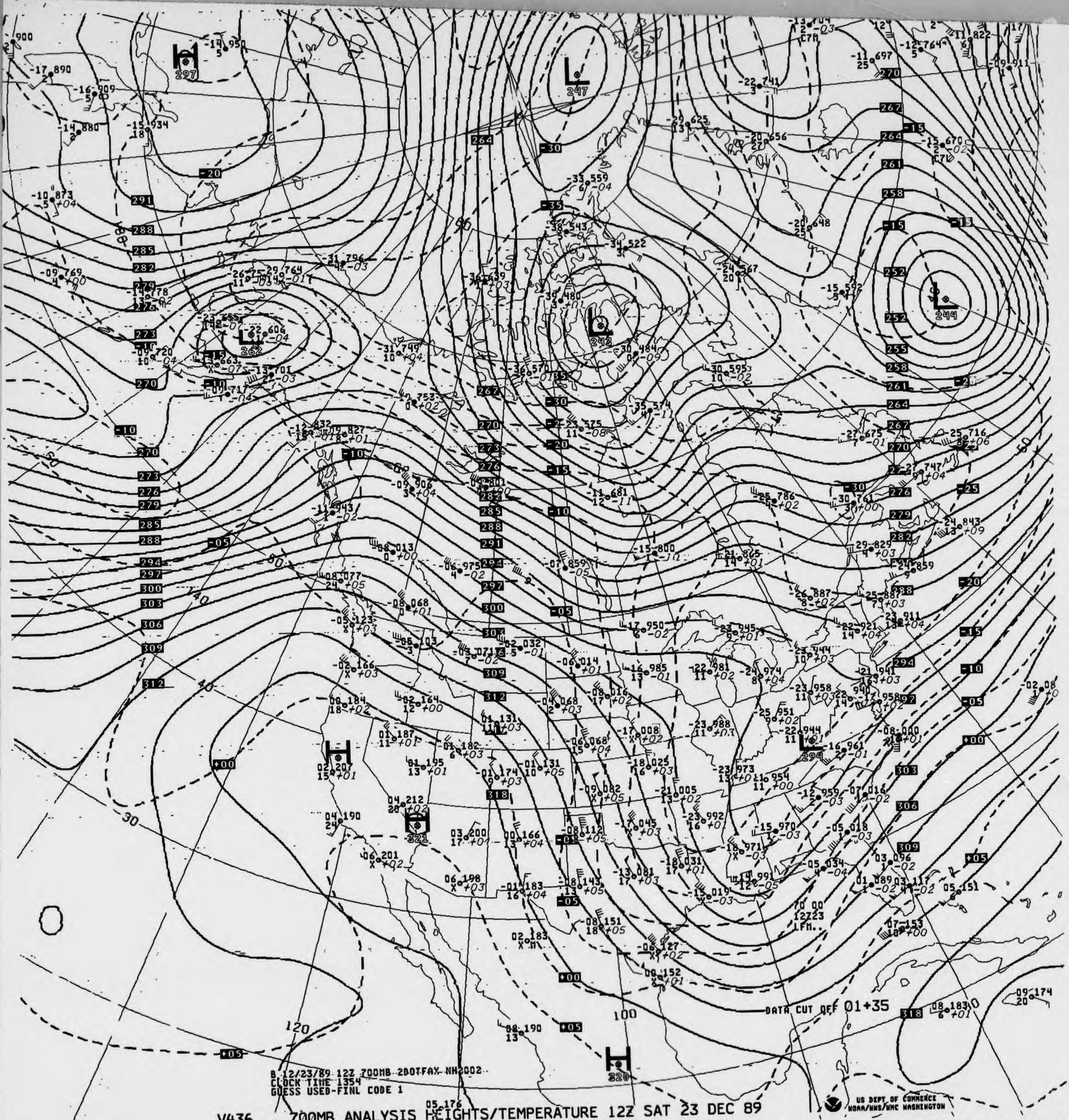
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



DATA CUT OFF 01+30
70 00
00Z23
LFM..
B 12/23/89 00Z 700MB 200TFAX NH2002
CLOCK TIME 145
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 23 DEC 89

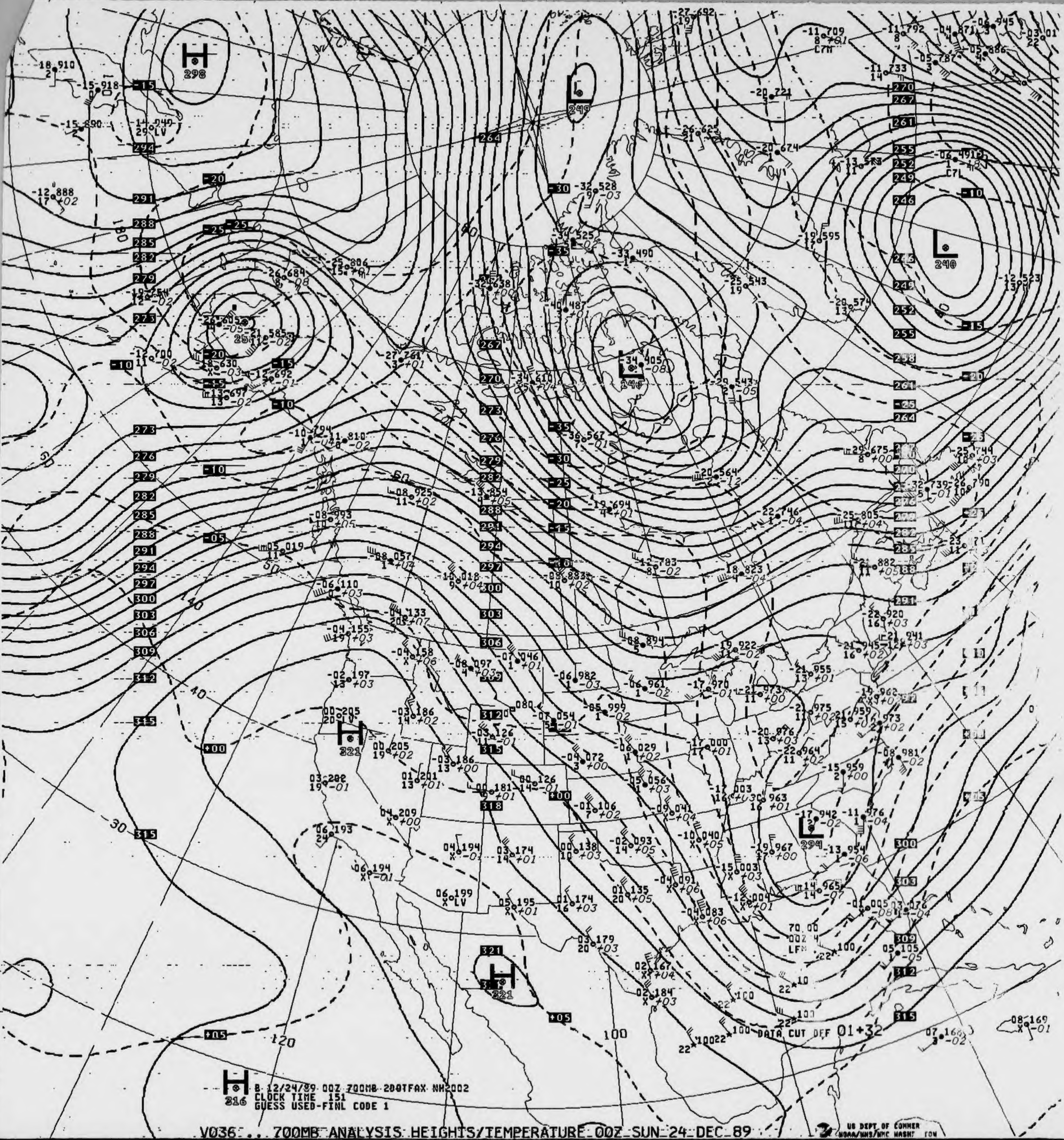
US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON


H
297
L
247
L
262
L
242
L
244
H
321
L
294
H
320
DATA CUT OFF 01+35
70 00
12Z23
LFM..
30
40
50
60
80
100
120
140

B 12/23/89 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1354
GUESS USED-FINL CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

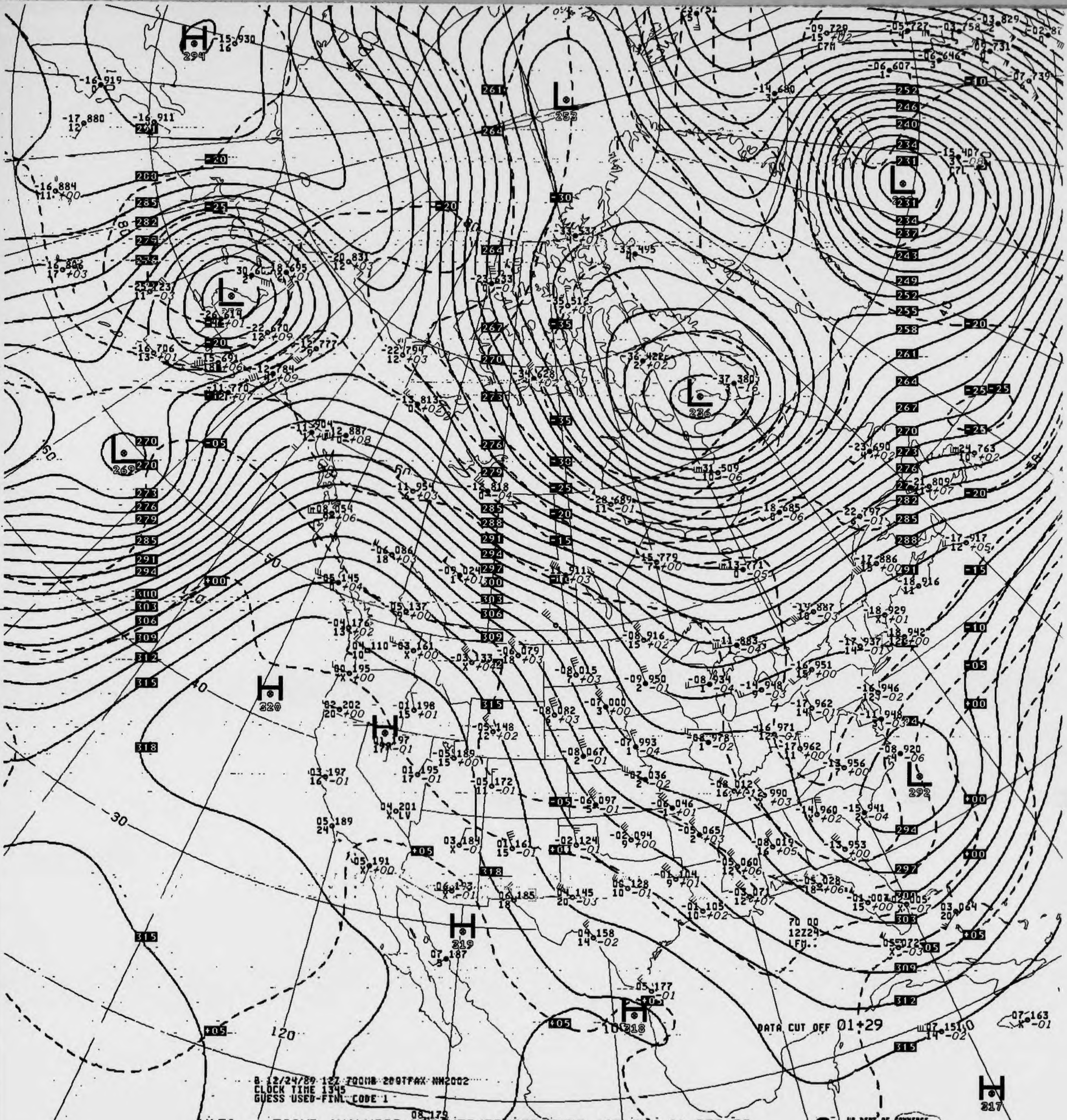
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 23 DEC 89


H
298
L
249
L
240
L
144
H
321
L
294
H
321
DATA CUT OFF 01+32
H
316

8 12/24/89 00Z 700MB 200TFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1

V036 ... 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 24 DEC 89

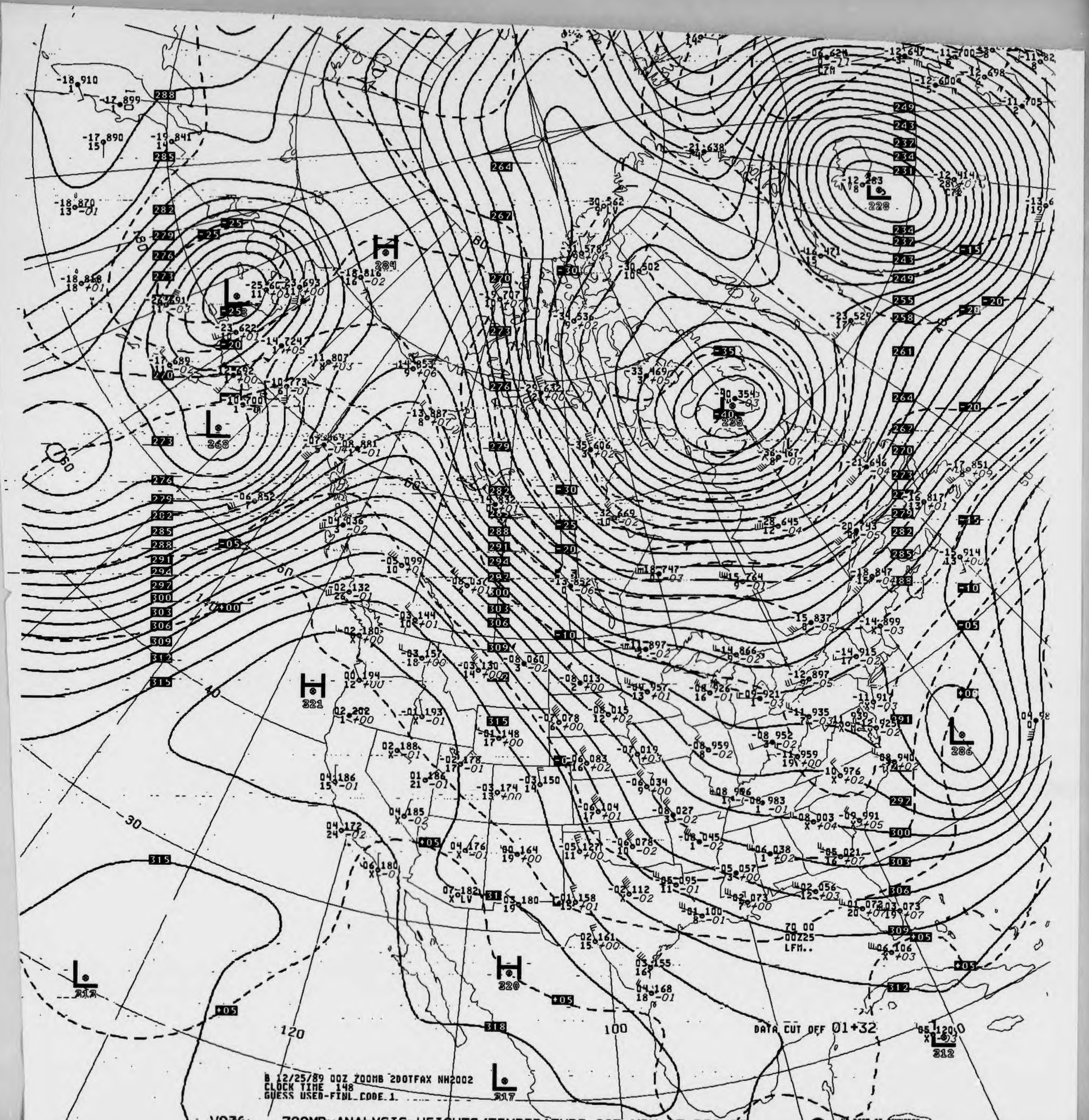
US DEPT OF COMMER
NOAA/NWS/NMC WASHT ON



H 294
L 253
L 231
L 219
L 269
L 226
H 320
H 319
H 318
L 292
H 317
DATA CUT OFF 01+29
8 12/24/89 12Z 700MB 209TFAX NH2002
CLOCK TIME 1345
GUESS USED-FINL CODE 1

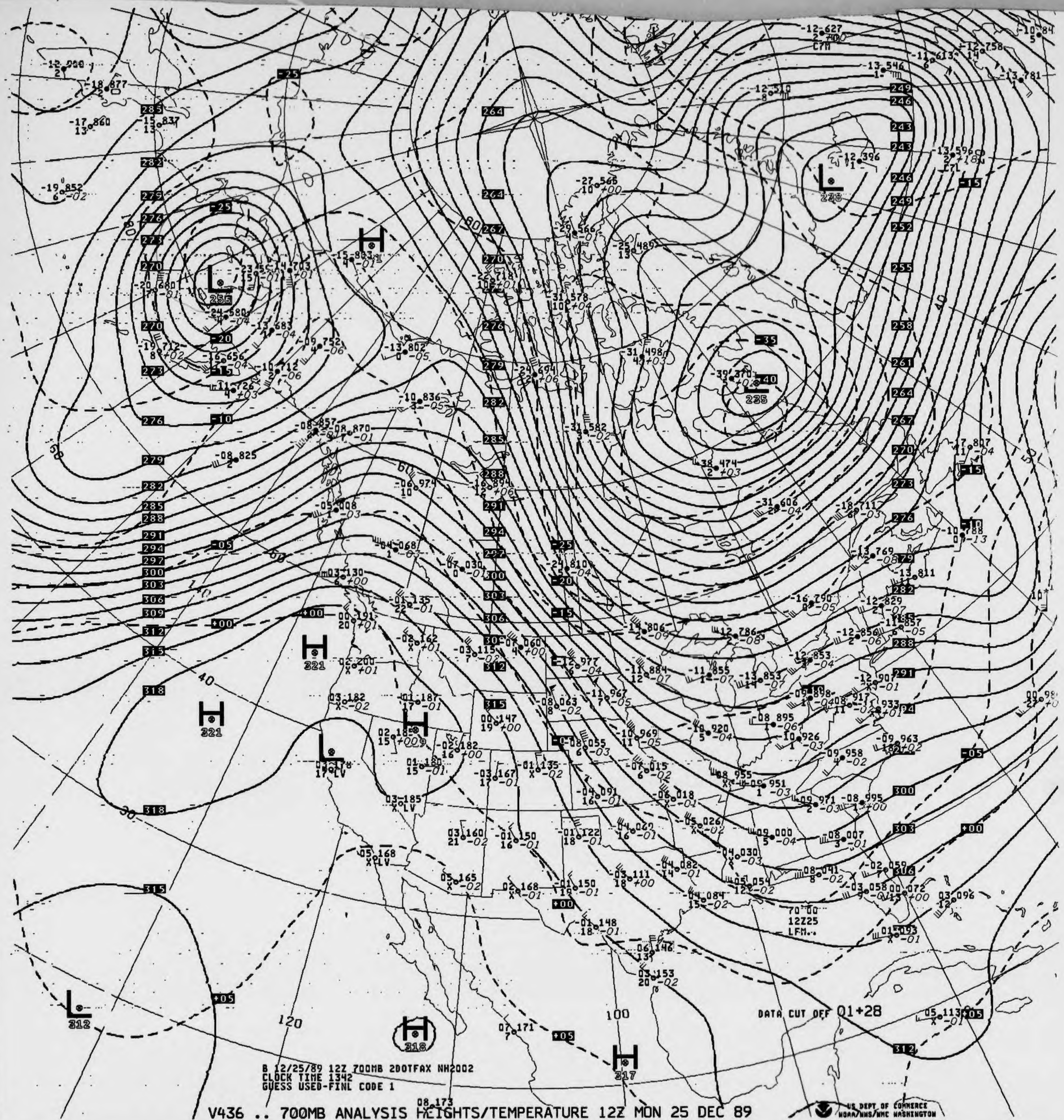
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 24 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/25/89 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 148
GUESS USED-FINL CODE 1.
DATA CUT OFF 01+32
70 00
00Z25
LFM..
H 284
H 321
H 320
L 268
L 253
L 235
L 228
L 286
L 312
L 317
L 312

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 25 DEC 89

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON


L
256
L
235
L
238
H
H
321
H
321
H
L
H
318
H
317
L
312
DATA CUT OFF 01+28
70 00
12Z25
LFM..

B 12/25/89 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1342
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 25 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

	00 121 22	05 147 39
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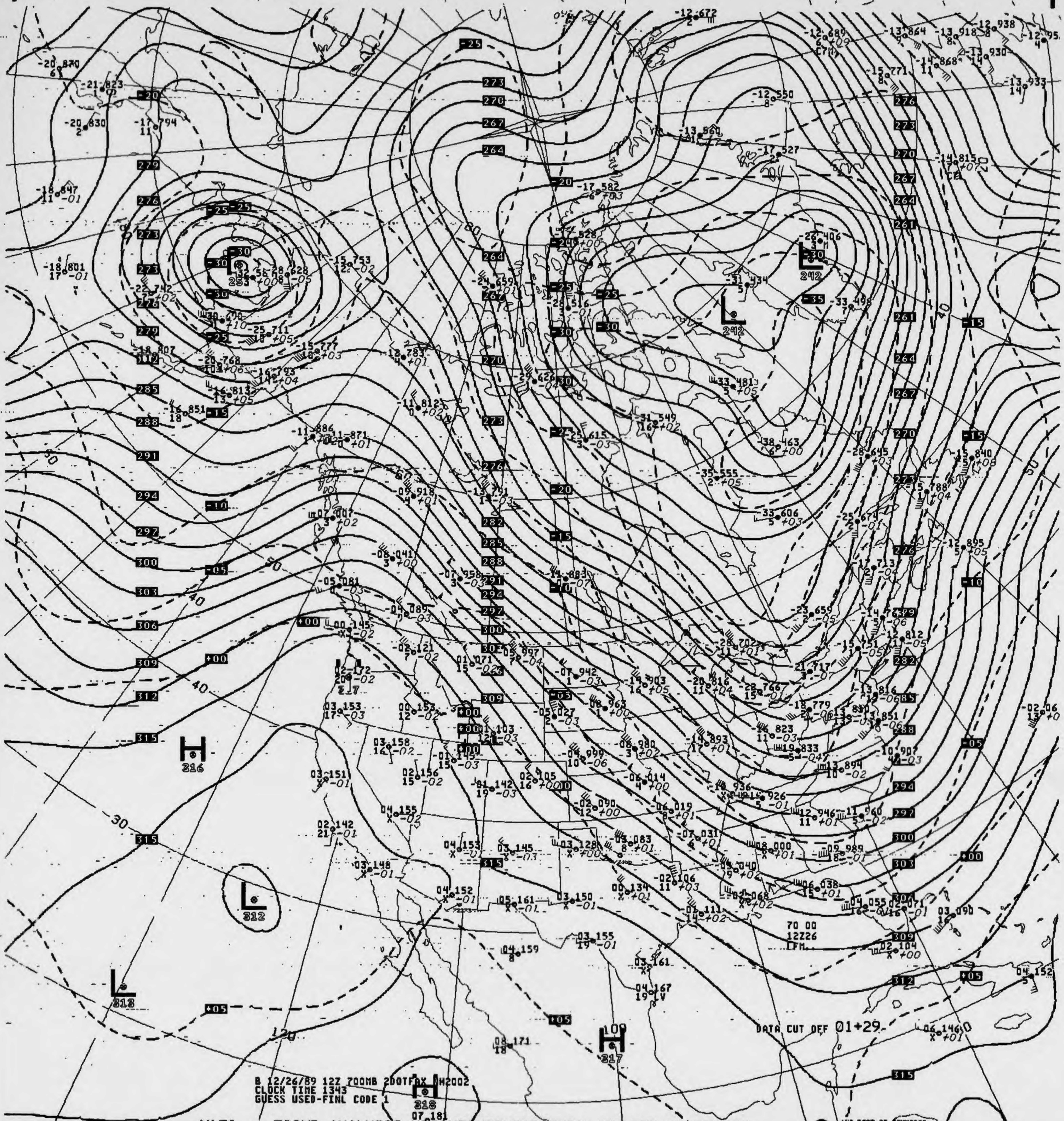
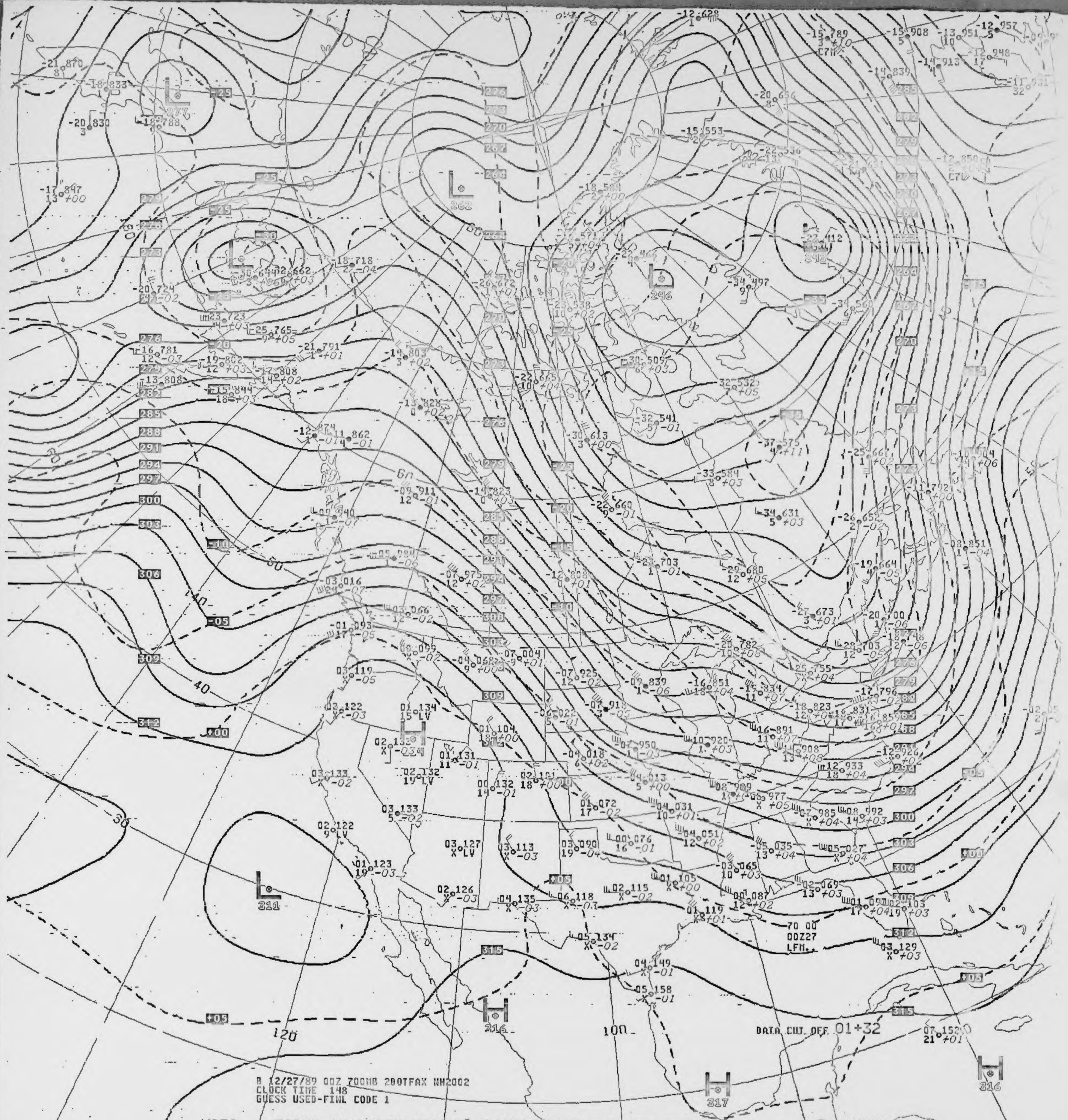
LAT/LONG	34N098W	31N110W


L 253
L 242
L 242
H 316
L 312
L 313
H 317
H 318
DATA CUT OFF 01+29
70 00
12Z26
LFM

B 12/26/89 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1343
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 26 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
277
L
262
L
246
L
242
L
311
H
316
H
317
H
316
H
LV
276
279
282
285
288
291
294
297
300
303
306
309
312
315
-25
-20
-10
-05
+00
+05
60
50
40
30
120
100
70 00
00Z27
LFM.

DATA CUT OFF 01+32

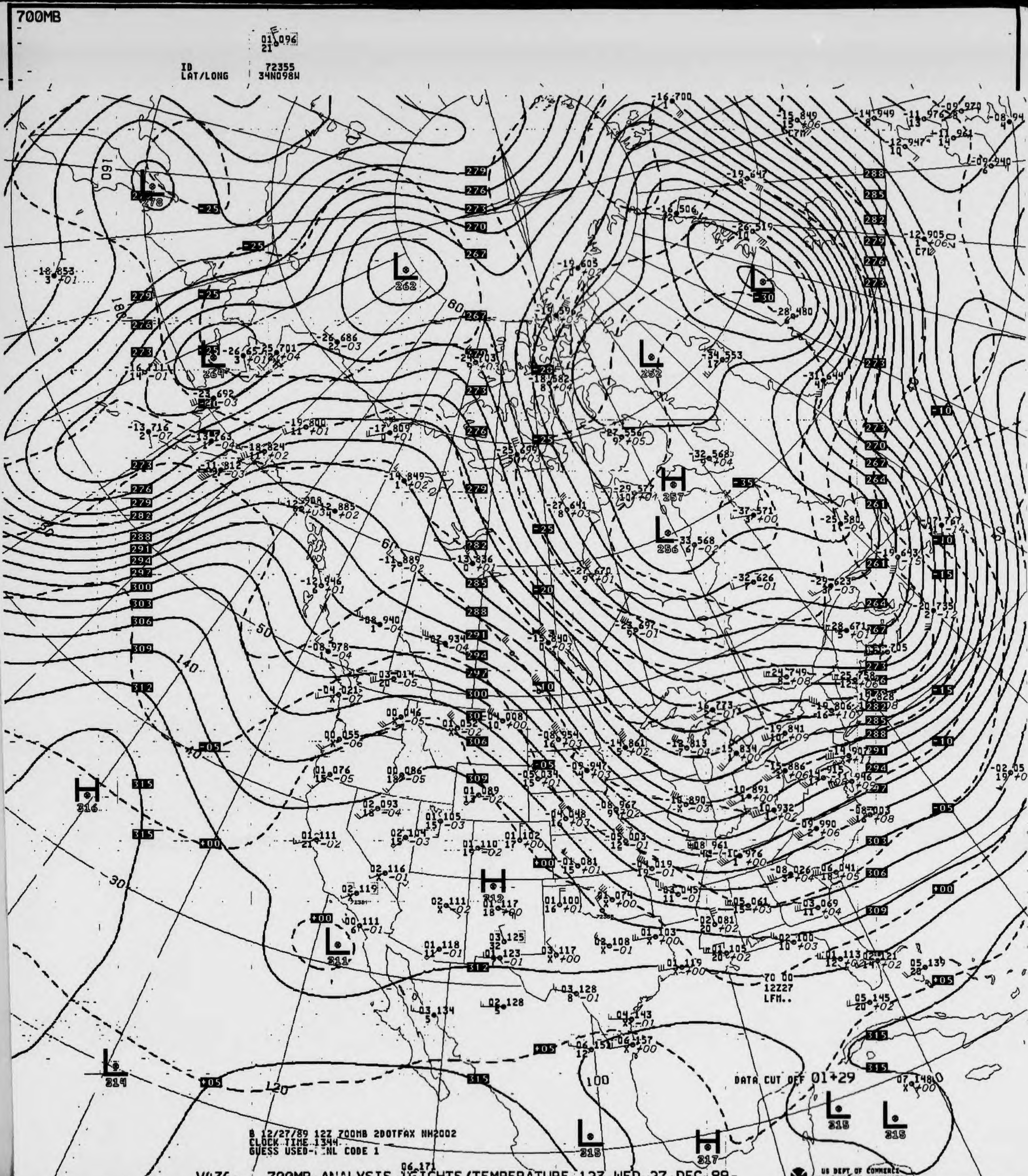
B 12/27/89 00Z 700MB 200TFAX NH2002
CLOCK TIME 148
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 27 DEC 89

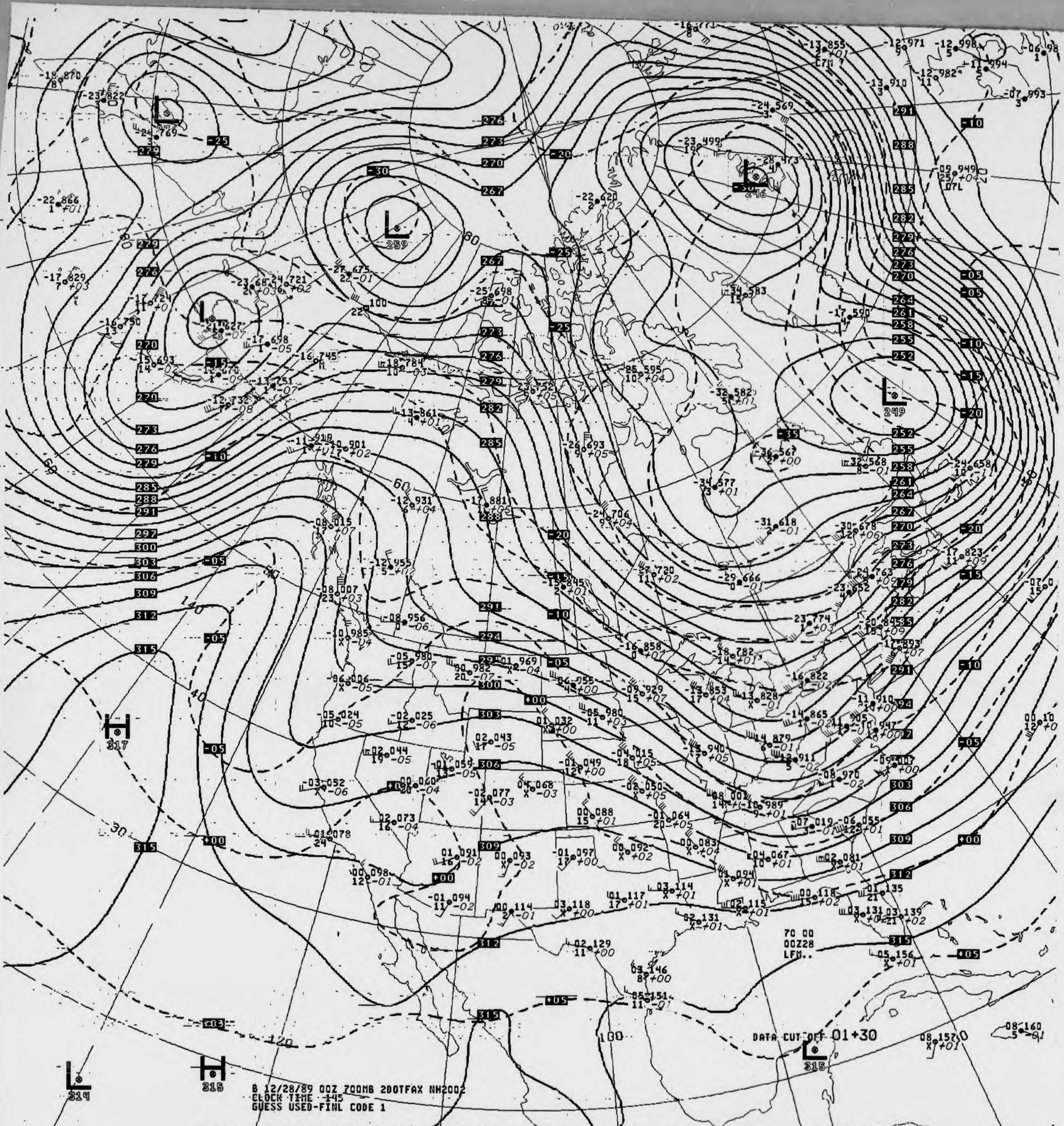
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

ID 72355
LAT/LONG 34N098W


01 096
21
L 278
L 262
L 264
L 252
L 257
L 256
L 311
L 314
L 315
L 315
L 315
H 316
H 312
H 317
L -30
-25
-20
-15
-10
-05
+00
+05
160
180
80
60
50
140
40
30
120
100
70 00
12Z27
LFM..
DATA CUT OFF 01+29
B 12/27/89 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1344
GUESS USED-FNL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V436-.. 700MB-ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 27 DEC 89-



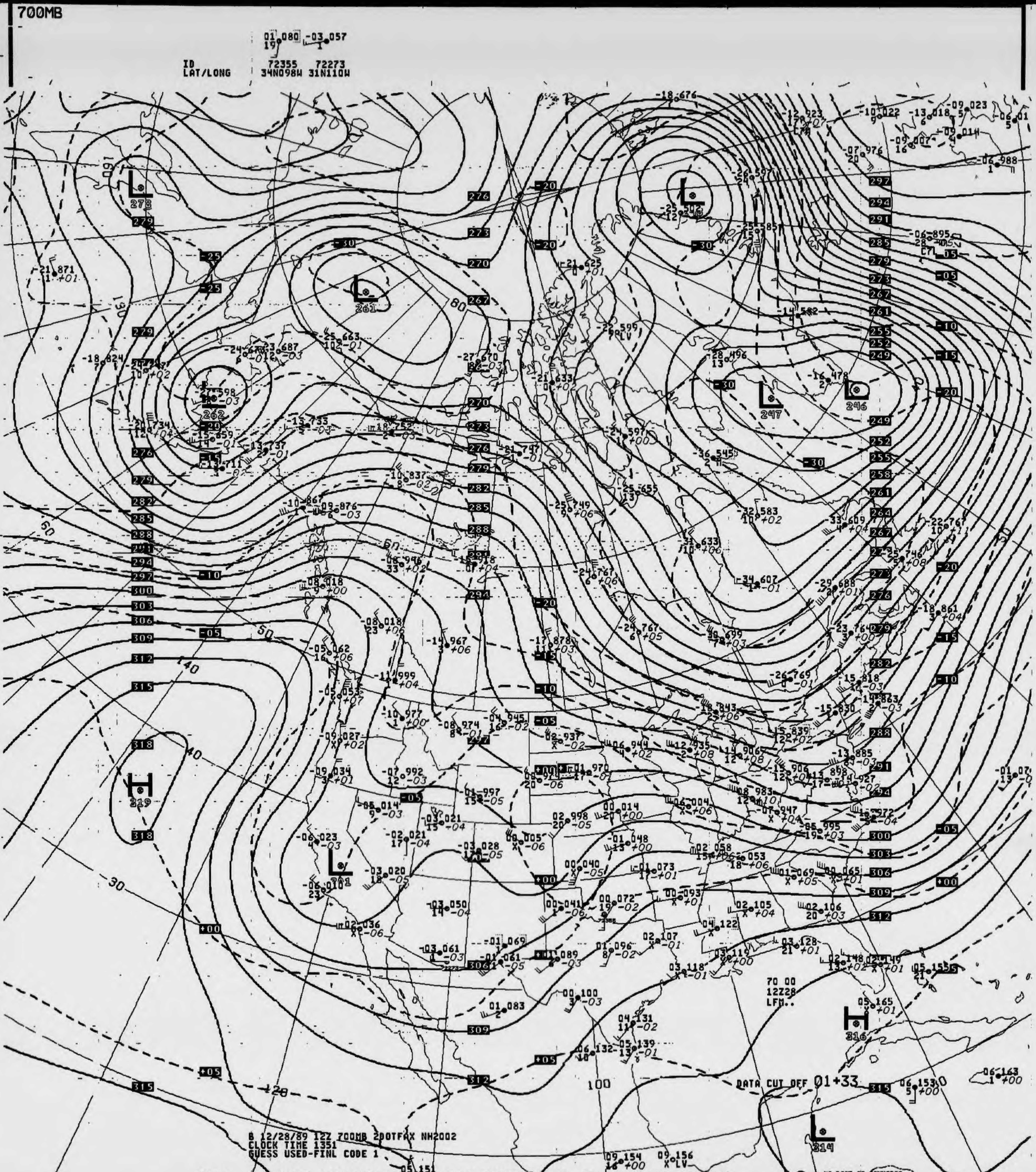
DATA CUT OFF 01+30
70 00
00Z28
LFM..
L
259
L
249
L
246
H
317
H
315
L
314
L
315

B 12/28/89 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 145
GUESS USED-FINL CODE 1

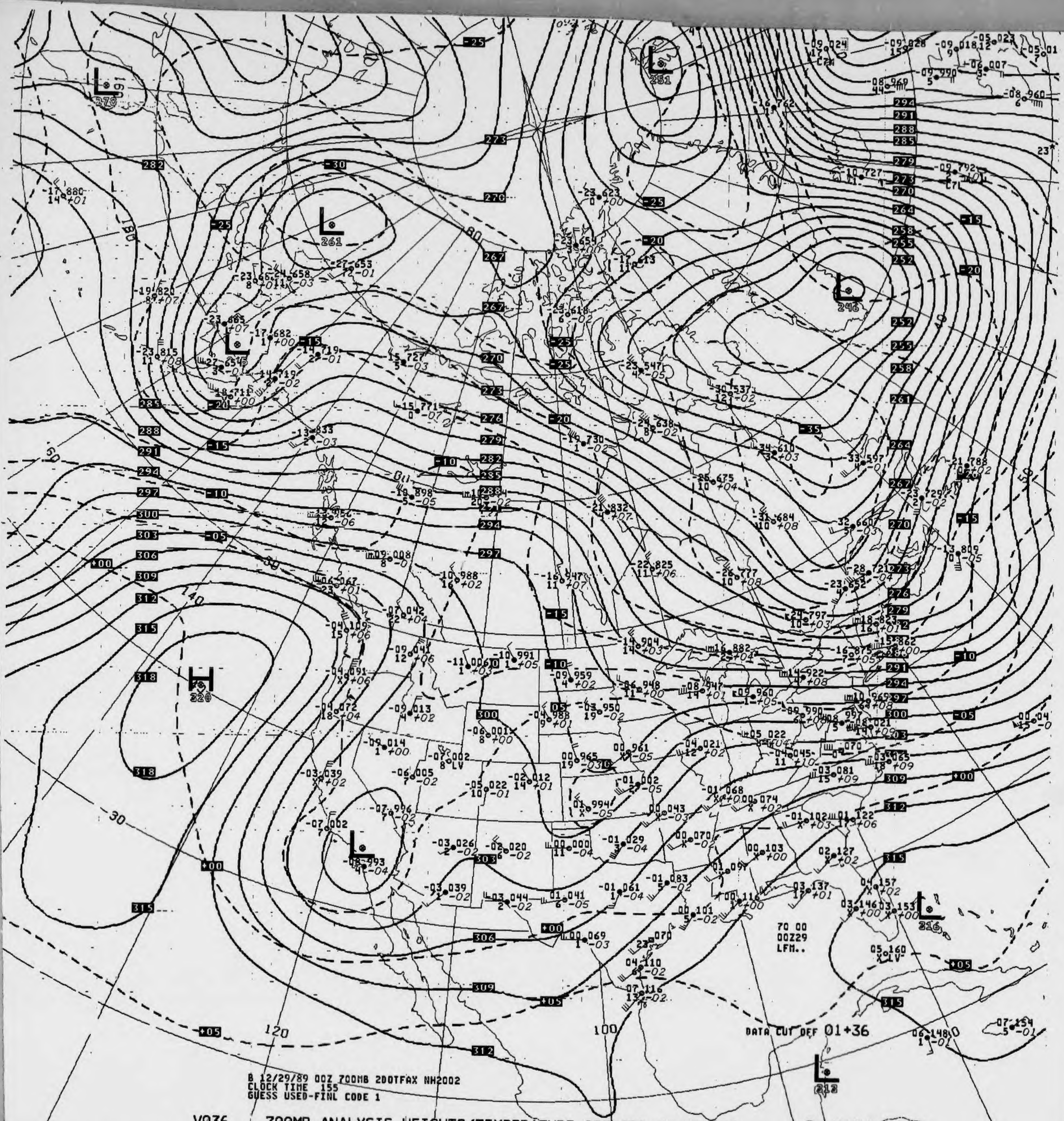
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB


01 080 -03 057
19 1
ID
LAT/LONG
72355 72273
34N098W 31N110W
L 278
L 261
L 262
L 247
L 246
L 301
L 314
H 319
H 316
70 00
12Z28
LFM..
DATA CUT OFF 01+33
B 12/28/89 12Z 700MB 200TFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 28 DEC 89


B 12/29/89 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 155
GUESS USED-FINL CODE 1
DATA CUT OFF 01+36
70 00
00Z29
LFM..
H
320
L
261
L
251
L
246
L
279
L
216
L
212
120
100
30
60
140

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 29 DEC 89

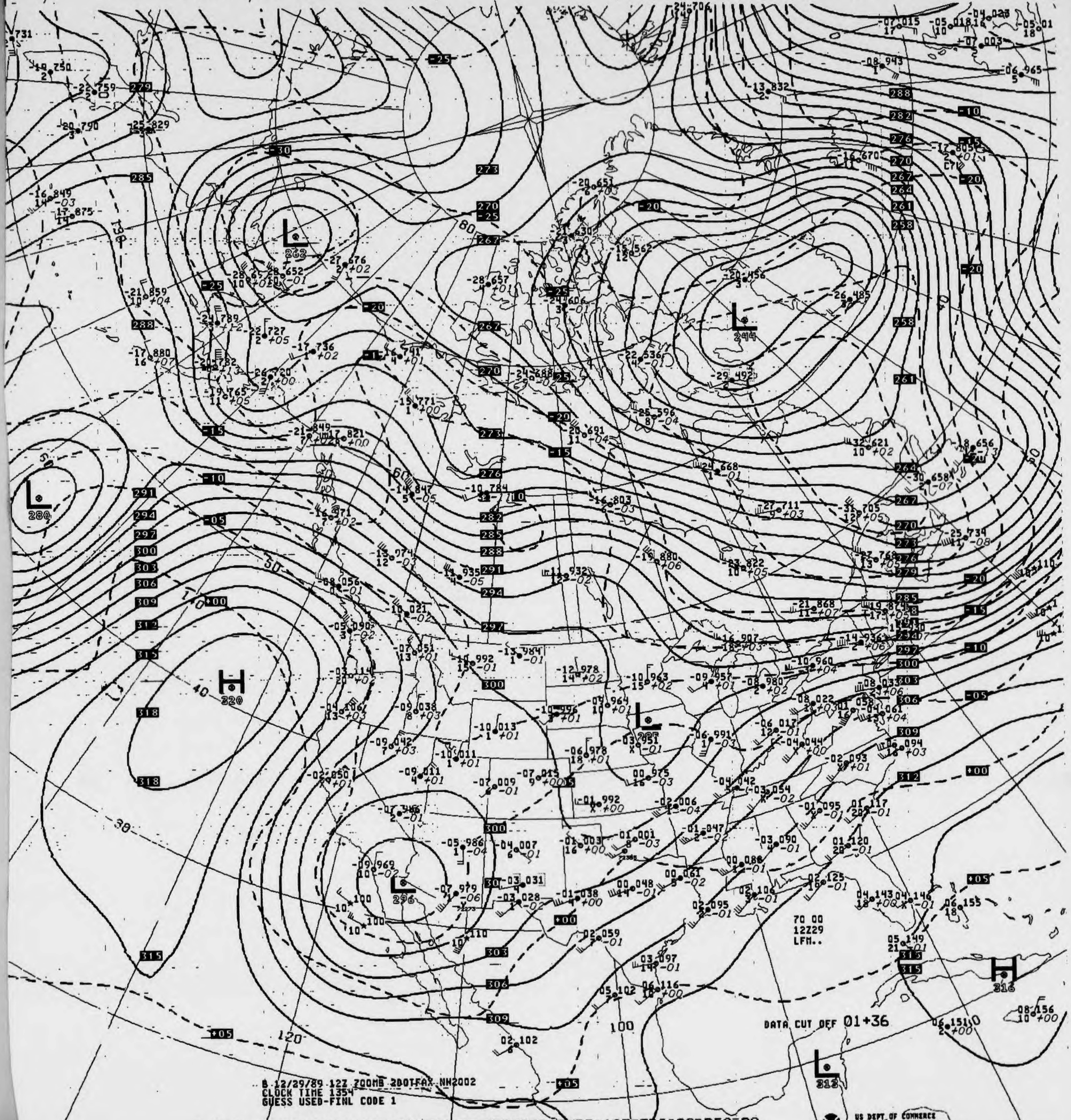
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

700MB

ID
LAT/LONG

00 017 -04 973
12 1

72355 72273
34N098W 31N110W


L
262
L
244
L
280
H
320
L
296
L
287
H
316
L
313
279
285
288
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294
297
300
303
306
309
312
315
318
273
270
267
264
261
258
276
282
-25
-30
-20
-15
-10
-05
+00
+05
130
120
100
80
60
50
40
30

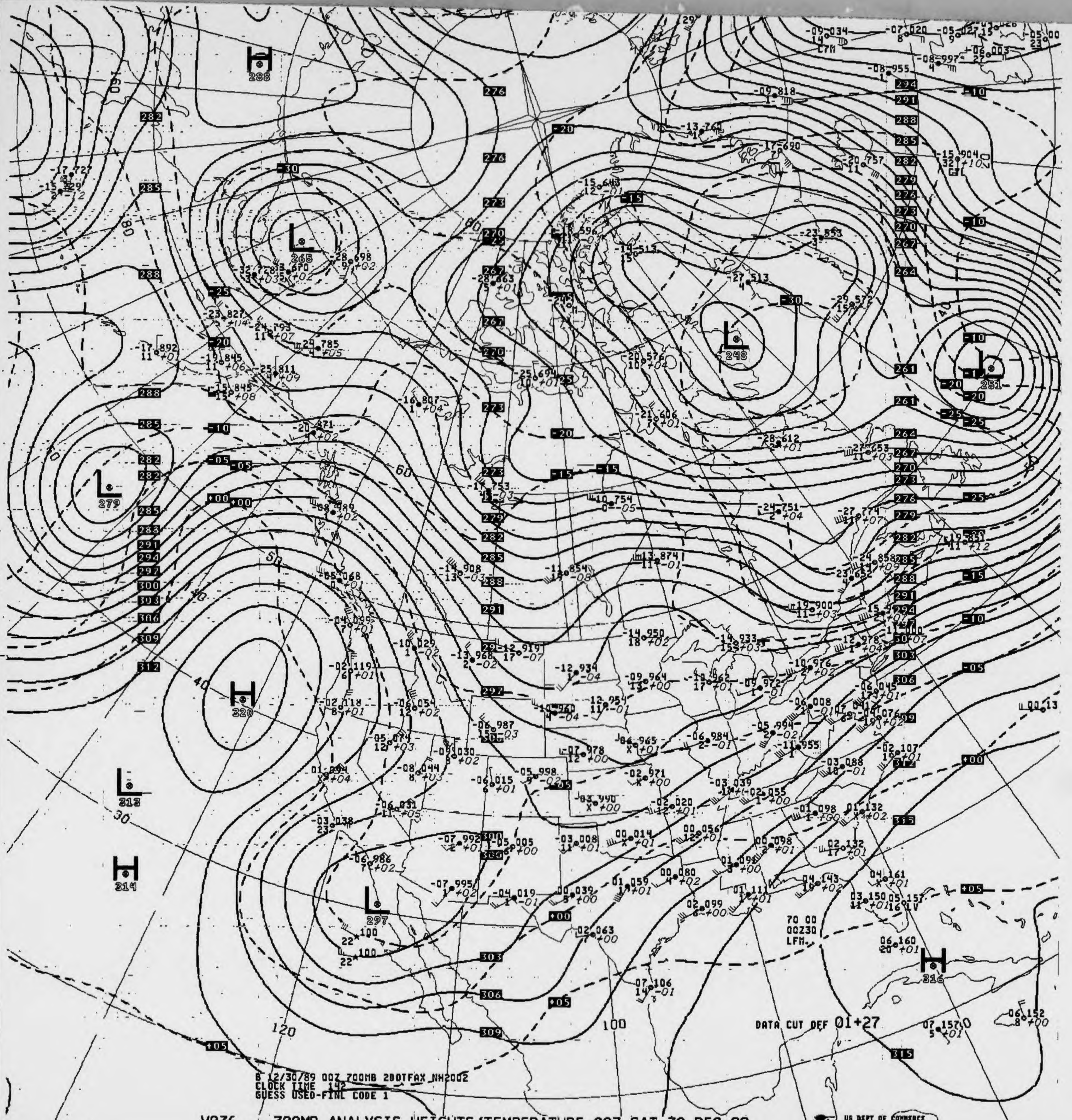
DATA CUT OFF 01+36

70 00
12Z29
LFM..

B 12/29/89 12Z 700MB 2001FAX NH2002
CLOCK TIME 1354
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 29 DEC 89

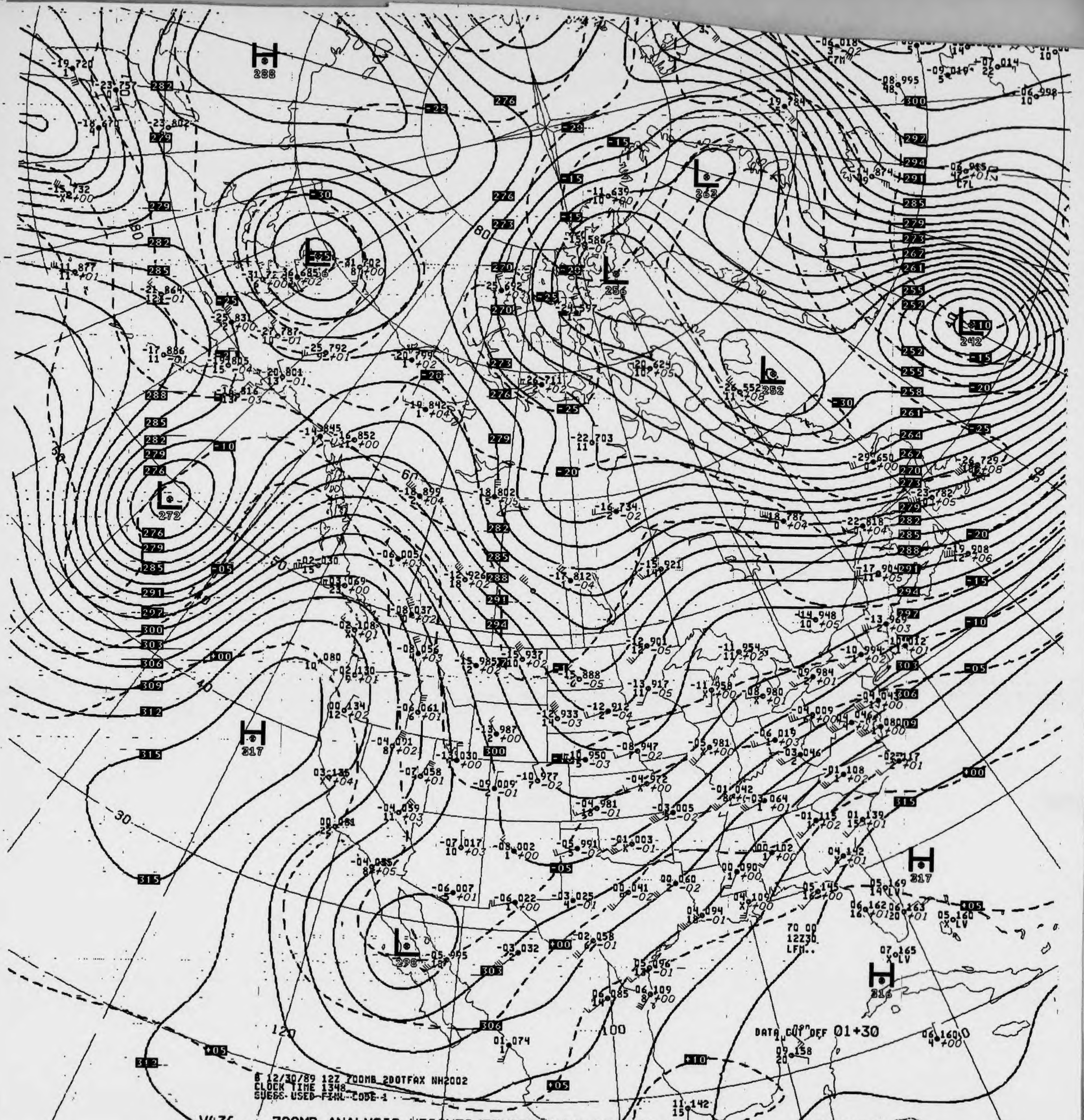
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



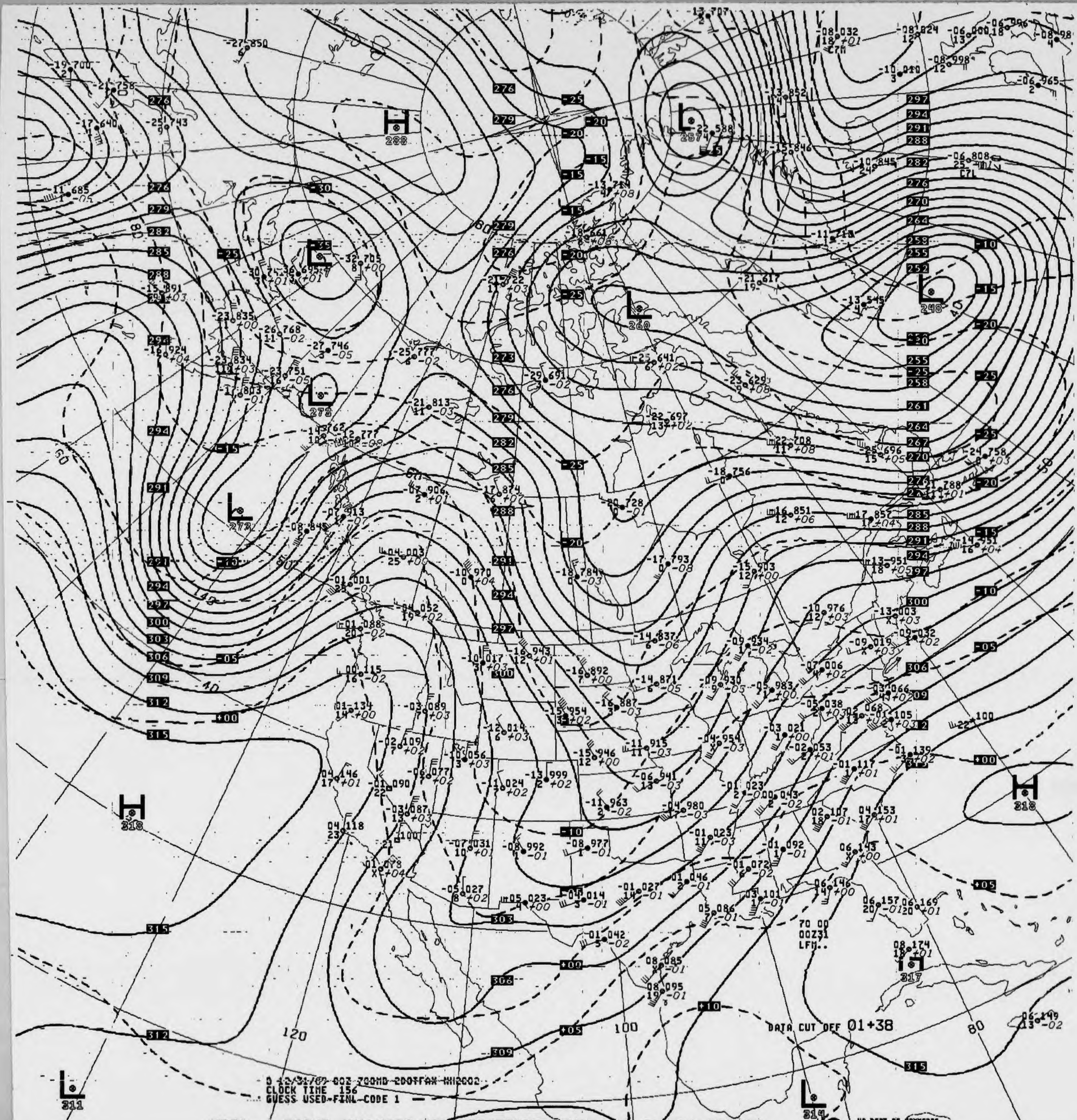
8 12/30/89 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1
DATA CUT OFF 01+27
70 00
00Z30
LFM.
H 288
L 265
L 279
H 320
L 312
H 314
L 297
L 248
L 251
H 316

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

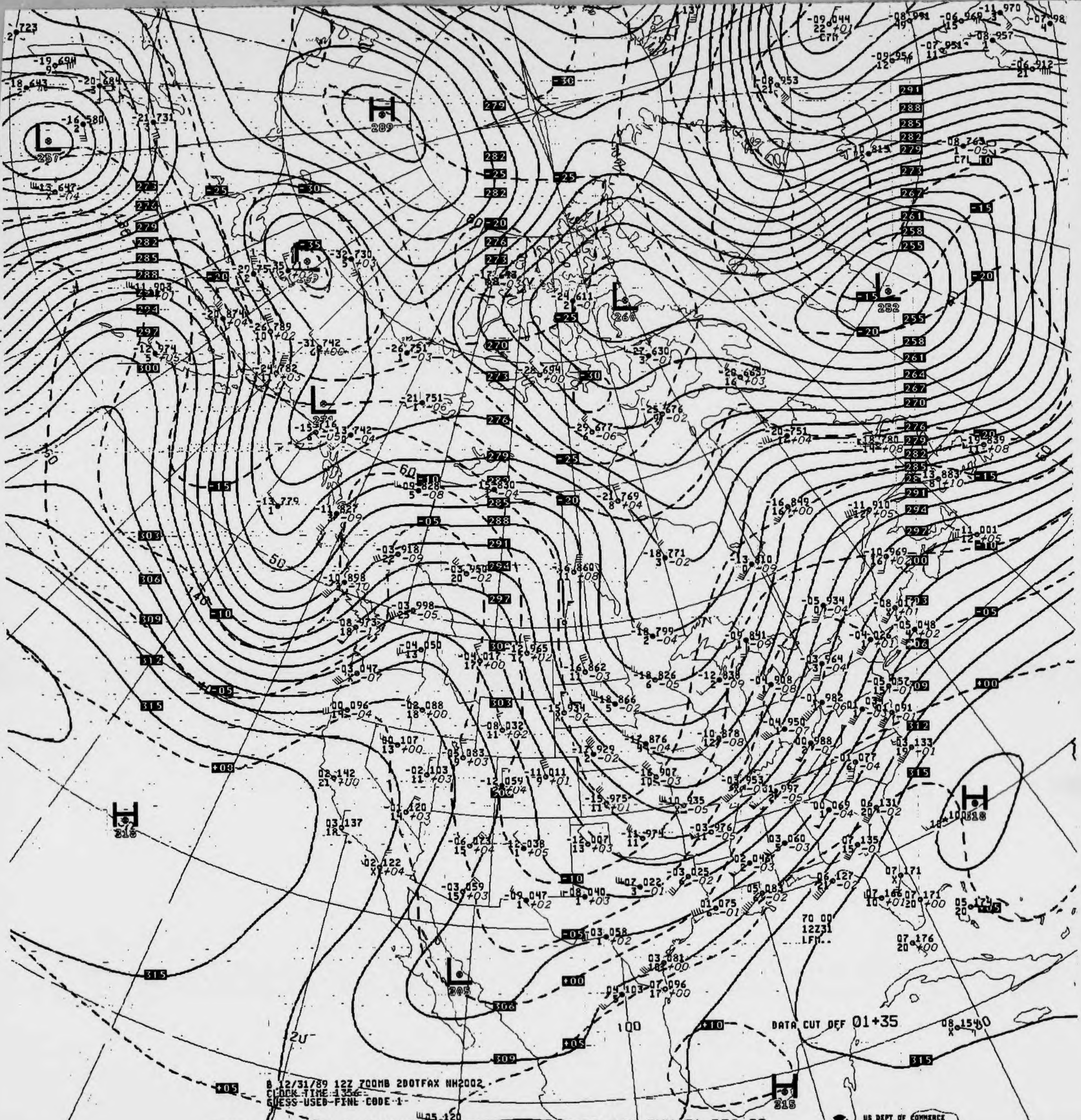

H 288
L 272
L 262
L 256
L 252
L 242
L 272
H 317
H 317
H 316
L 298
DATA CUT OFF 01+30
70 00
12Z30
LFM..
8 12/30/89 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1348
GUESS USED FINAL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 30 DEC 89


H 288
L 257
L 248
L 260
L 273
L 272
H 318
H 318
H 317
L 311
L 314
DATA CUT OFF 01+38
70 00
00Z31
LFM..
D 12/31/89 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 156
GUESS USED-FINL-CODE 1
120
100
80
60
40
50

V036-.. 700MB-ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 31 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 289
L 257
L 252
L 260
L 305
H 316
H 318
H 315
B 12/31/89 12Z 700MB 2D0TFAX NH2002
CLOCK TIME 1356
GUESS-USED-FINE CODE 1
DATA CUT OFF 01+35
70 00
12Z31
LFM..

V436... 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 31 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

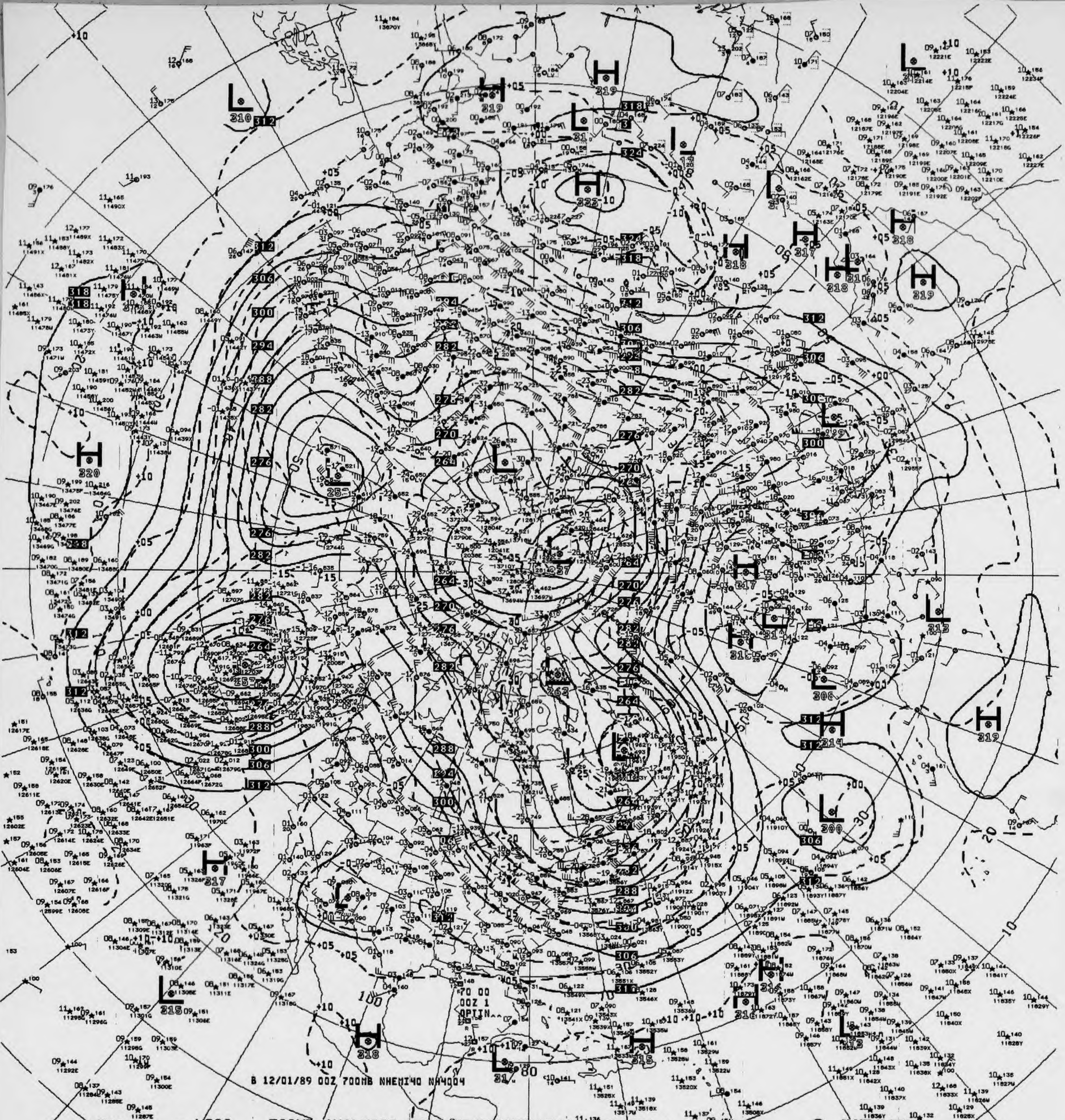
AA Form 48 - 361B
ev. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

700 MB CONSTANT PRESSURE CHARTS

NORTHERN HEMISPHERE NWP

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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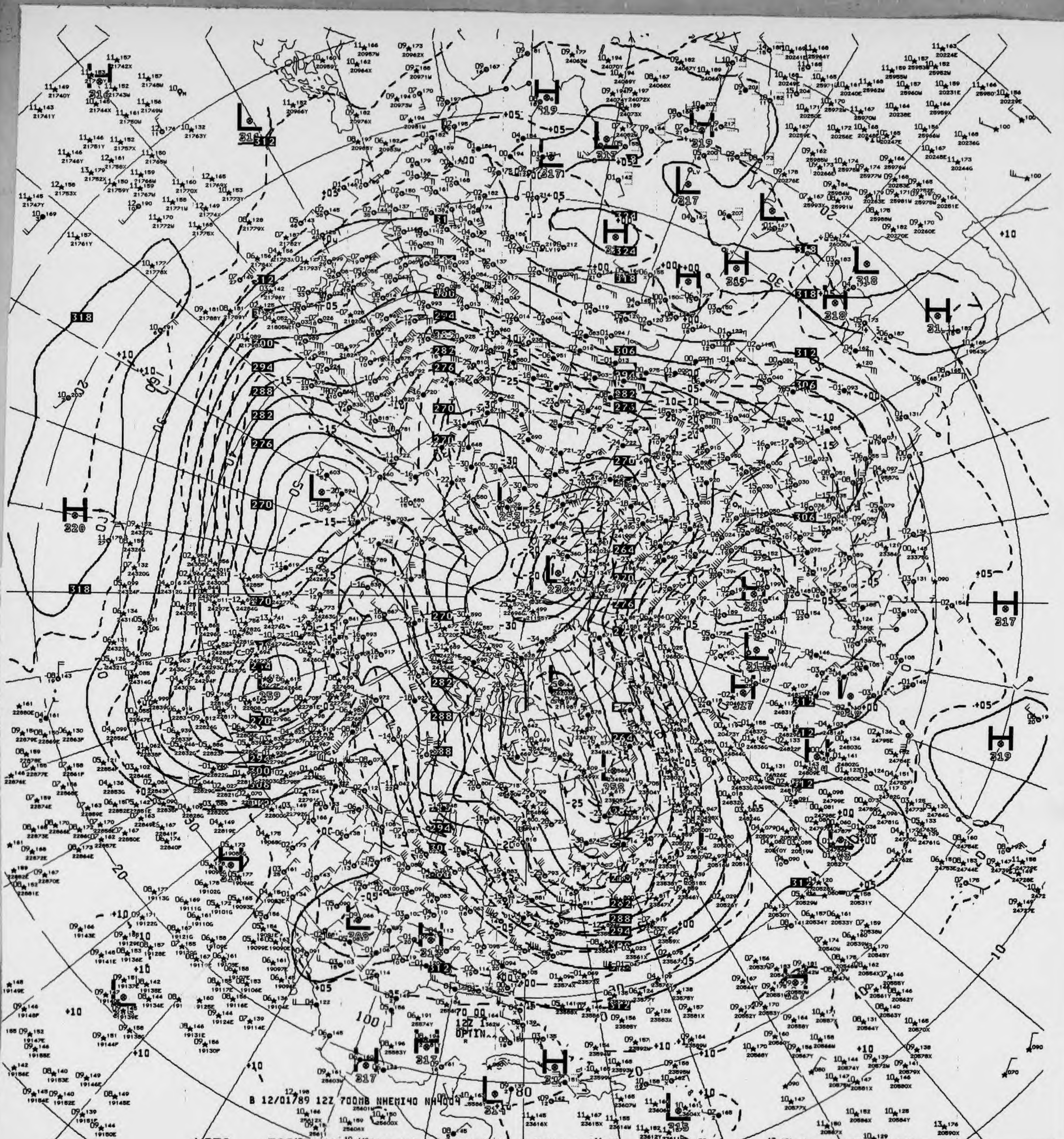
70 00
00Z 1
OPTIN

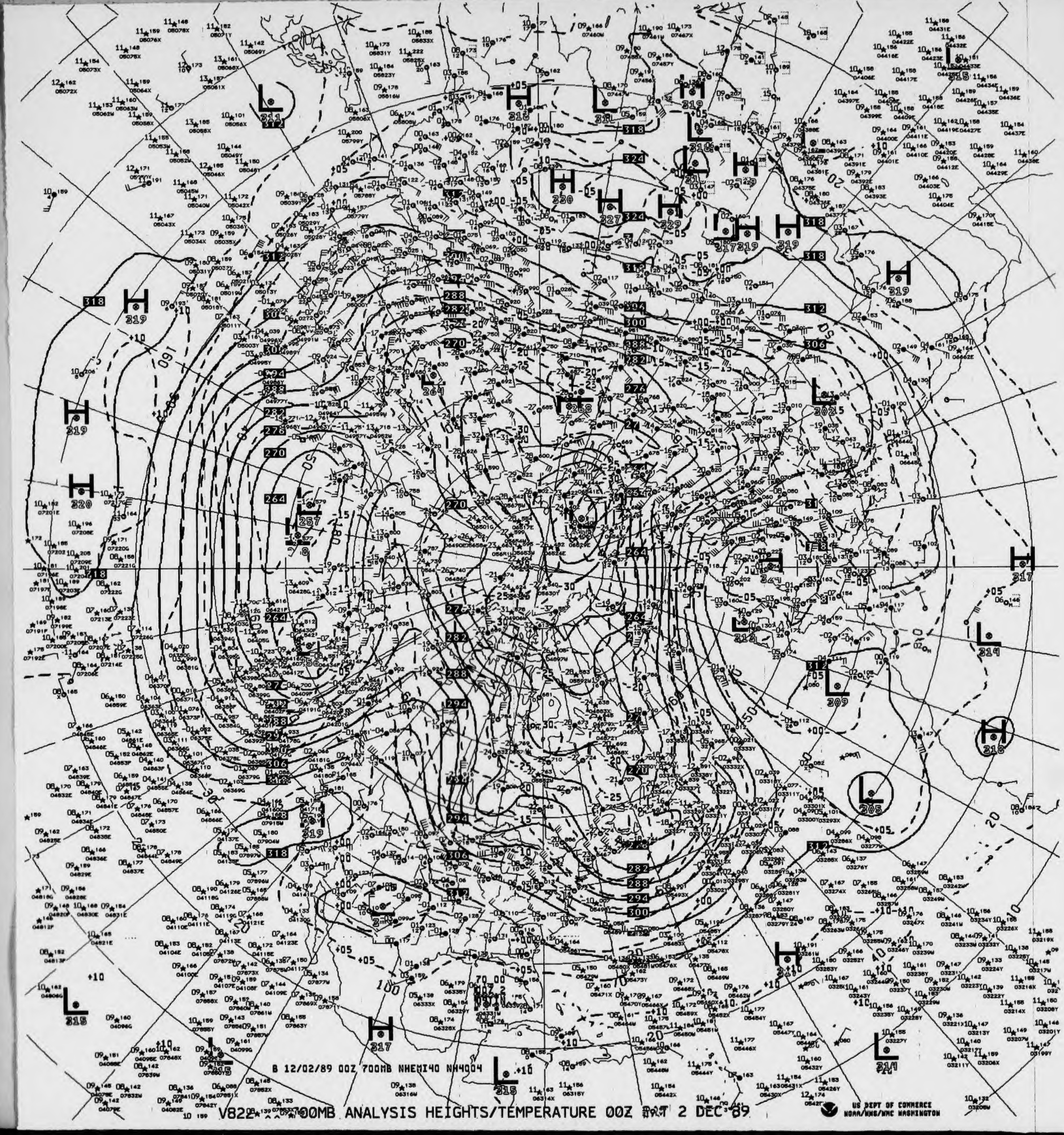
V822 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 1 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/01789 12Z 700MB NHEMI40 NH4004

V872 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 1 DEC 89

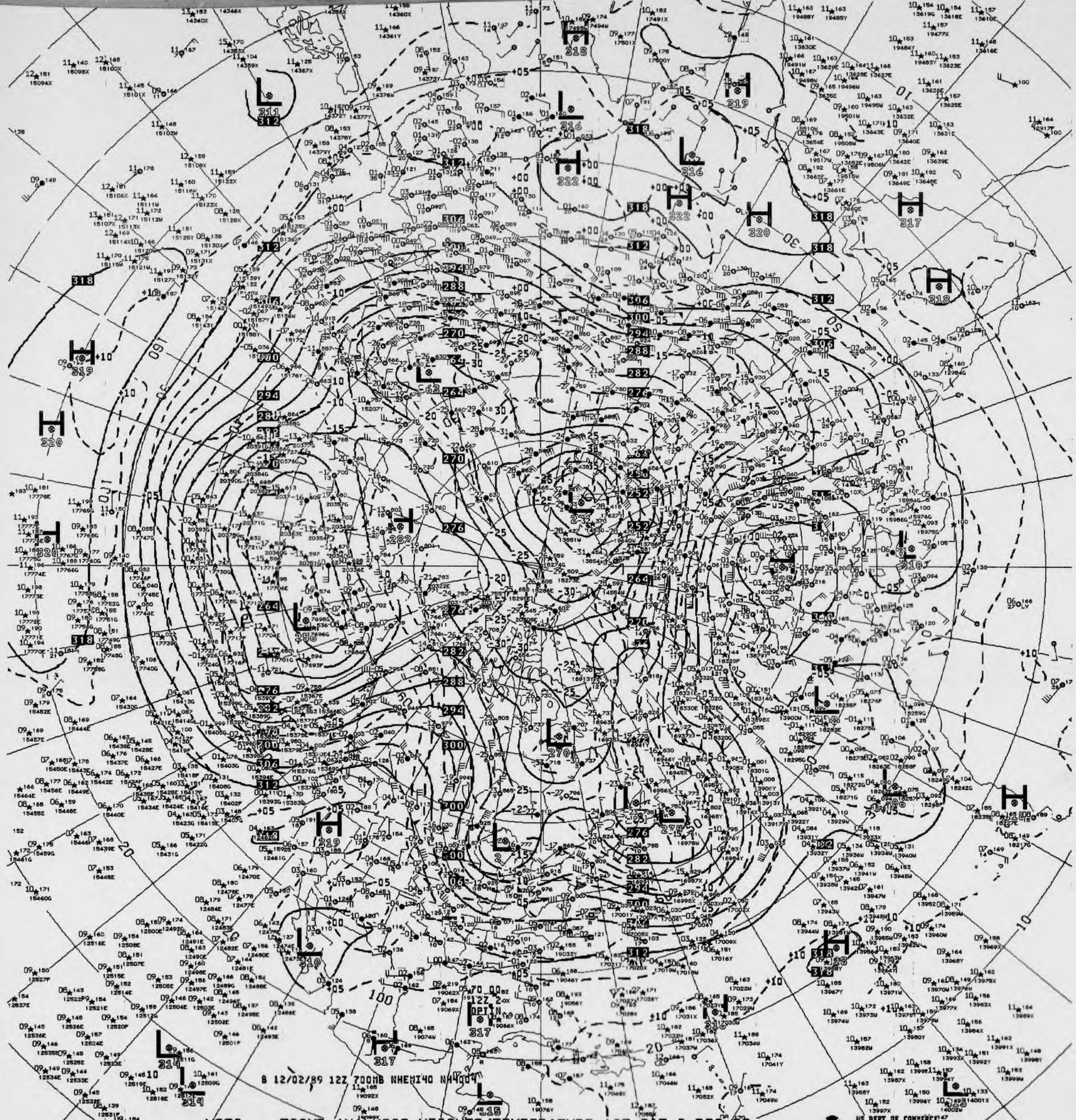
US DEPT OF COMMERCE



B 12/02/89 00Z 700MB NHEMI40 NH4004

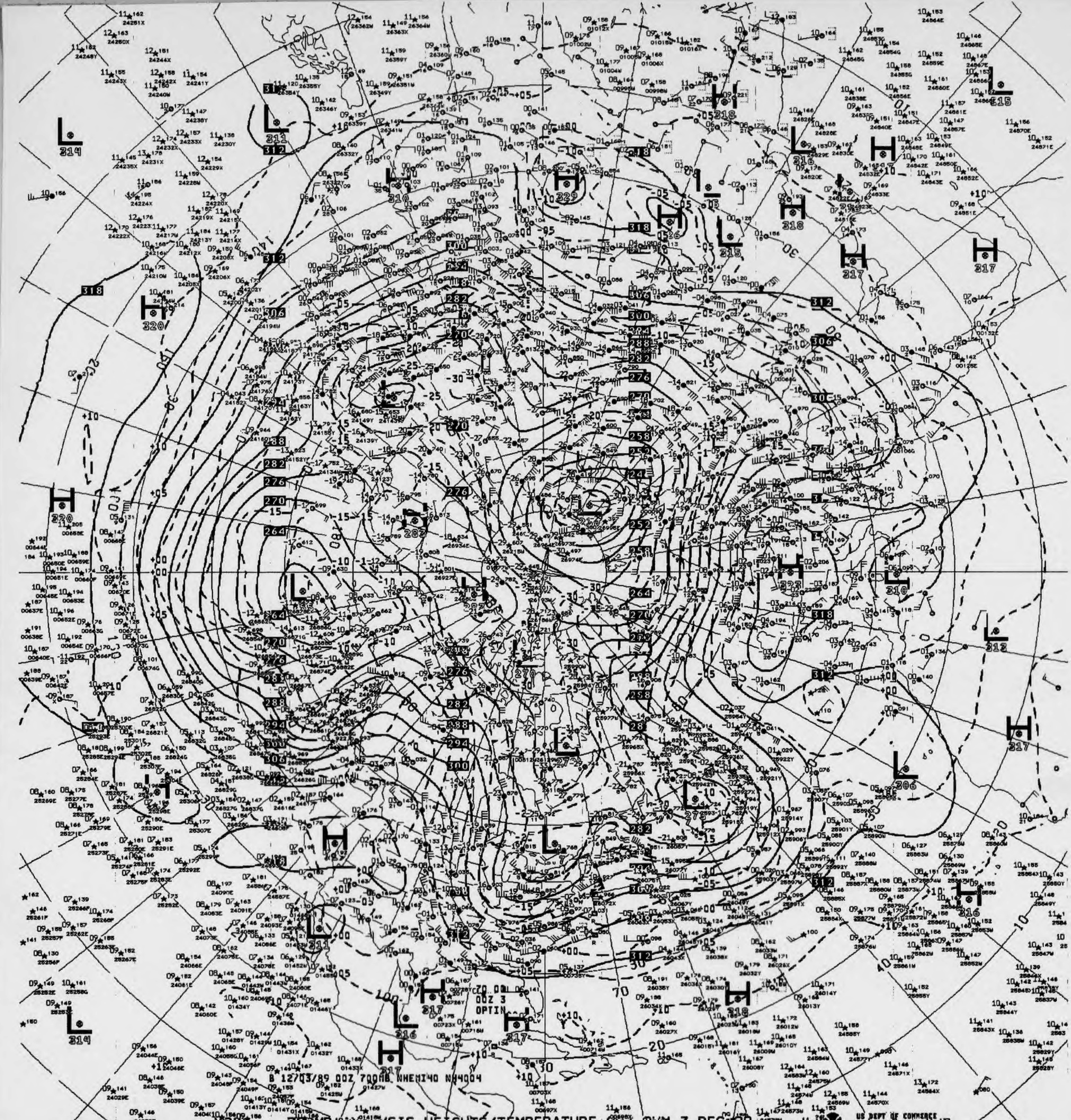
V822 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 2 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/02/89 12Z 700MB NHEMI40 NH4004
12Z 2
OPTIN

V872 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 2 DEC 89

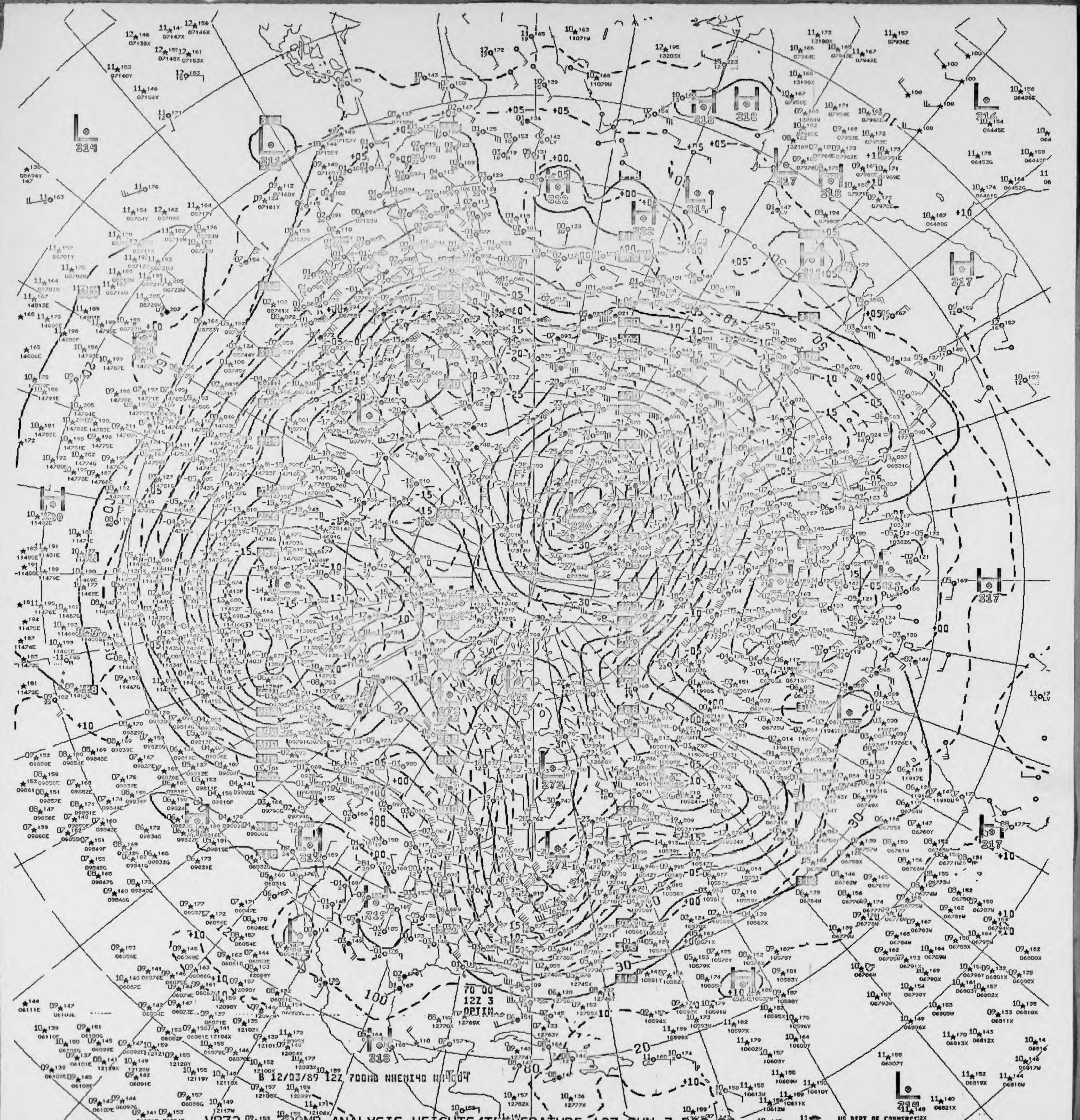
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/03/89 00Z 700MB NHEMI40 NH4004

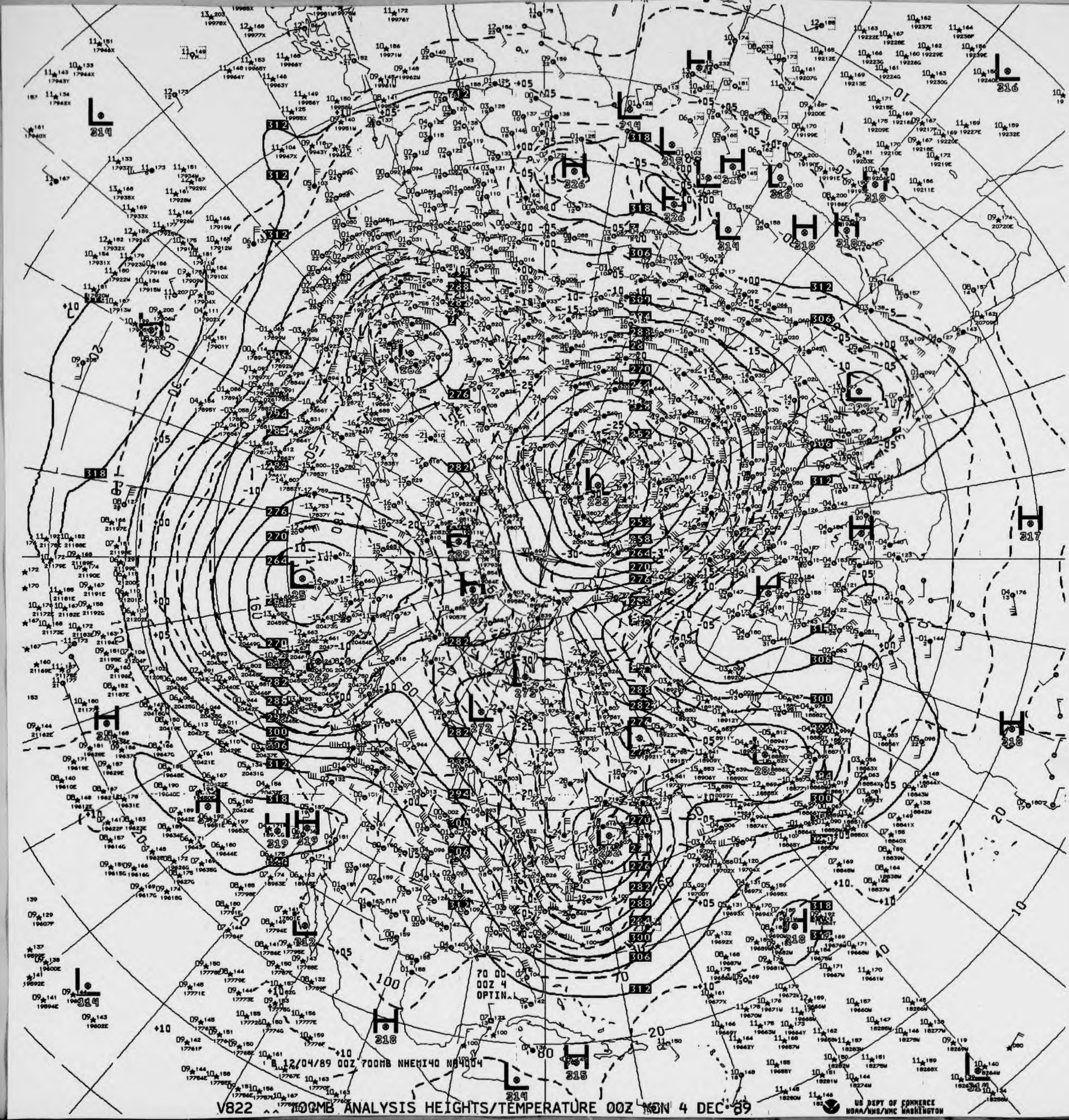
700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 3 DEC 89

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON

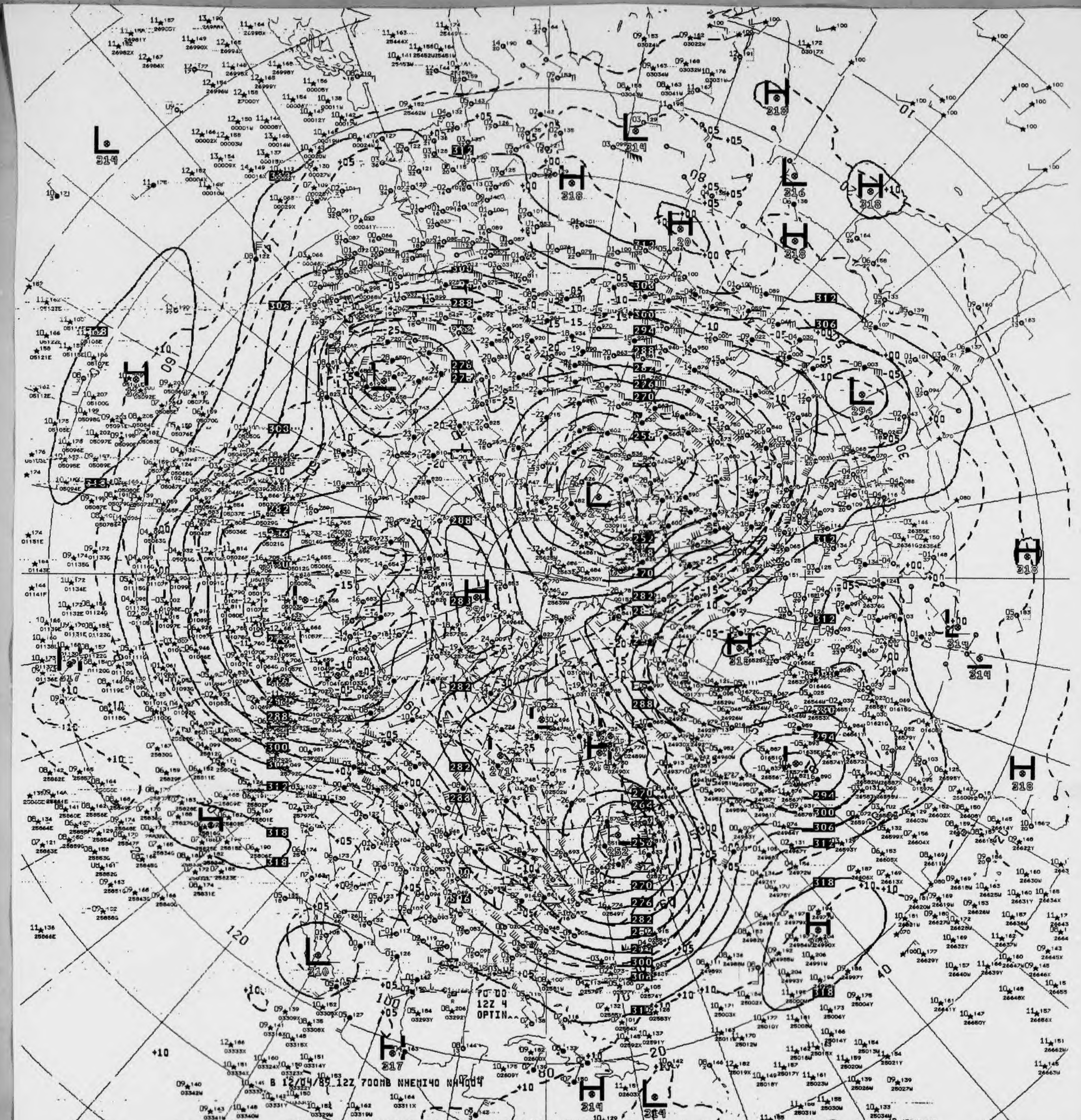

70 00
12Z 3
OPTIN
B 12/03/89 12Z 700MB NHEMI40 NH004

V872 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

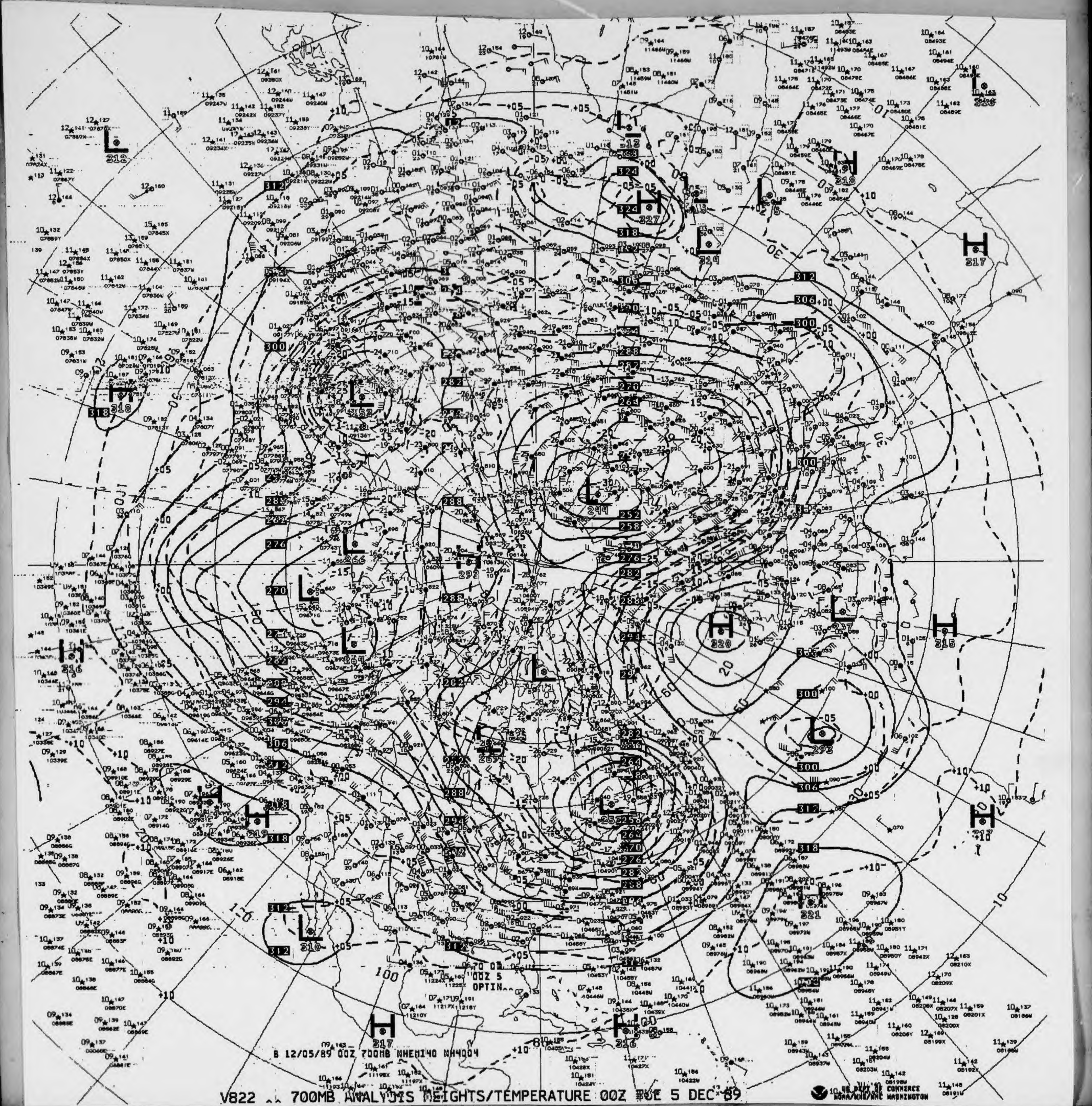

70 00
00Z 4
OPTIN
8 12/04/89 00Z 700MB NHEMI40 NB4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 4 DEC 89

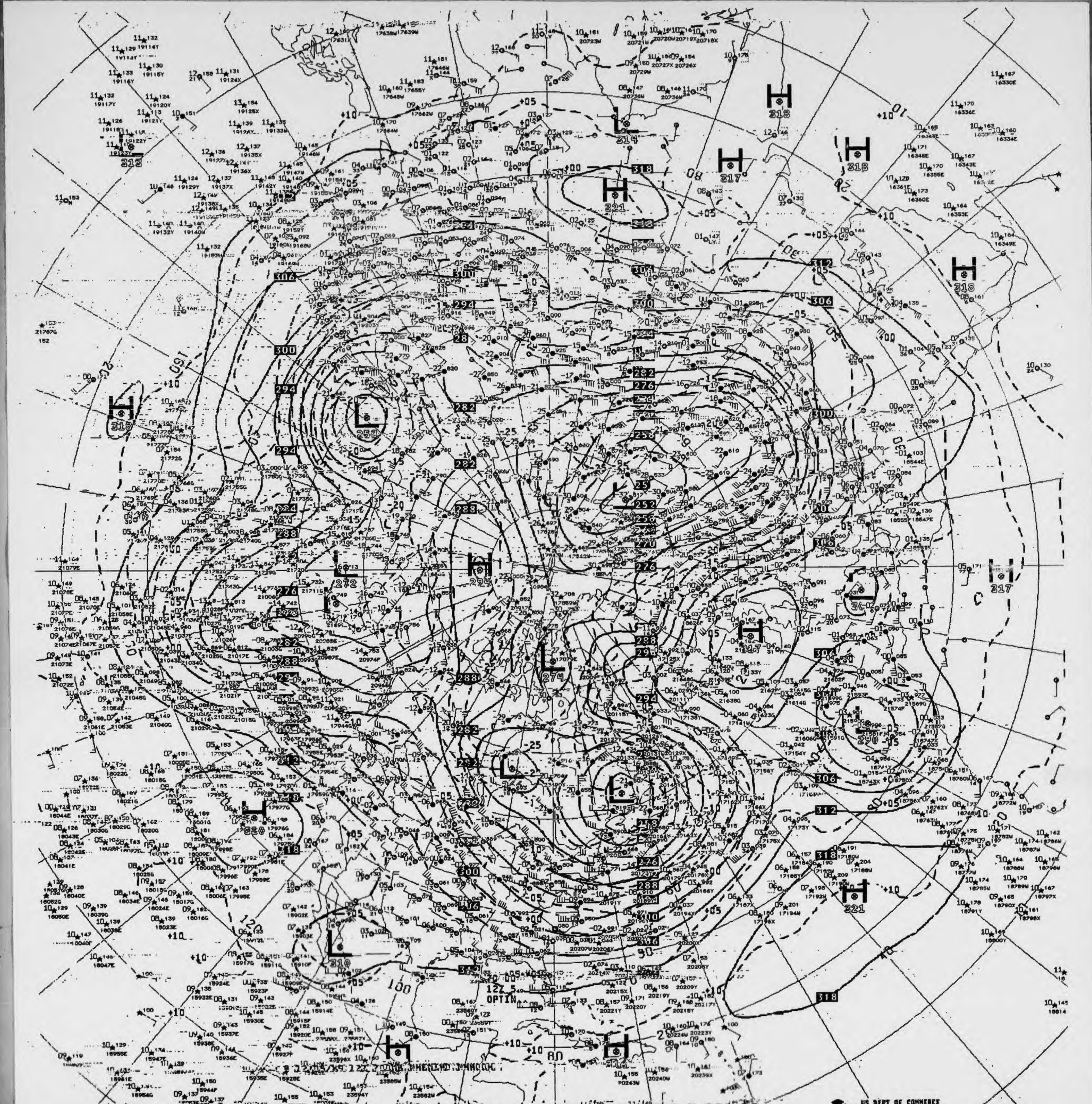

B 12/04/89 12Z 700MB NHEMI40 NH4004
12Z 4
OPTIN
L 314
H 318
L 316
H 318
L 296
H 318
L 314
H 318
H 317
H 314
L 314
L 310
L 252
120
100
80
40
20
10
+10

V872 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

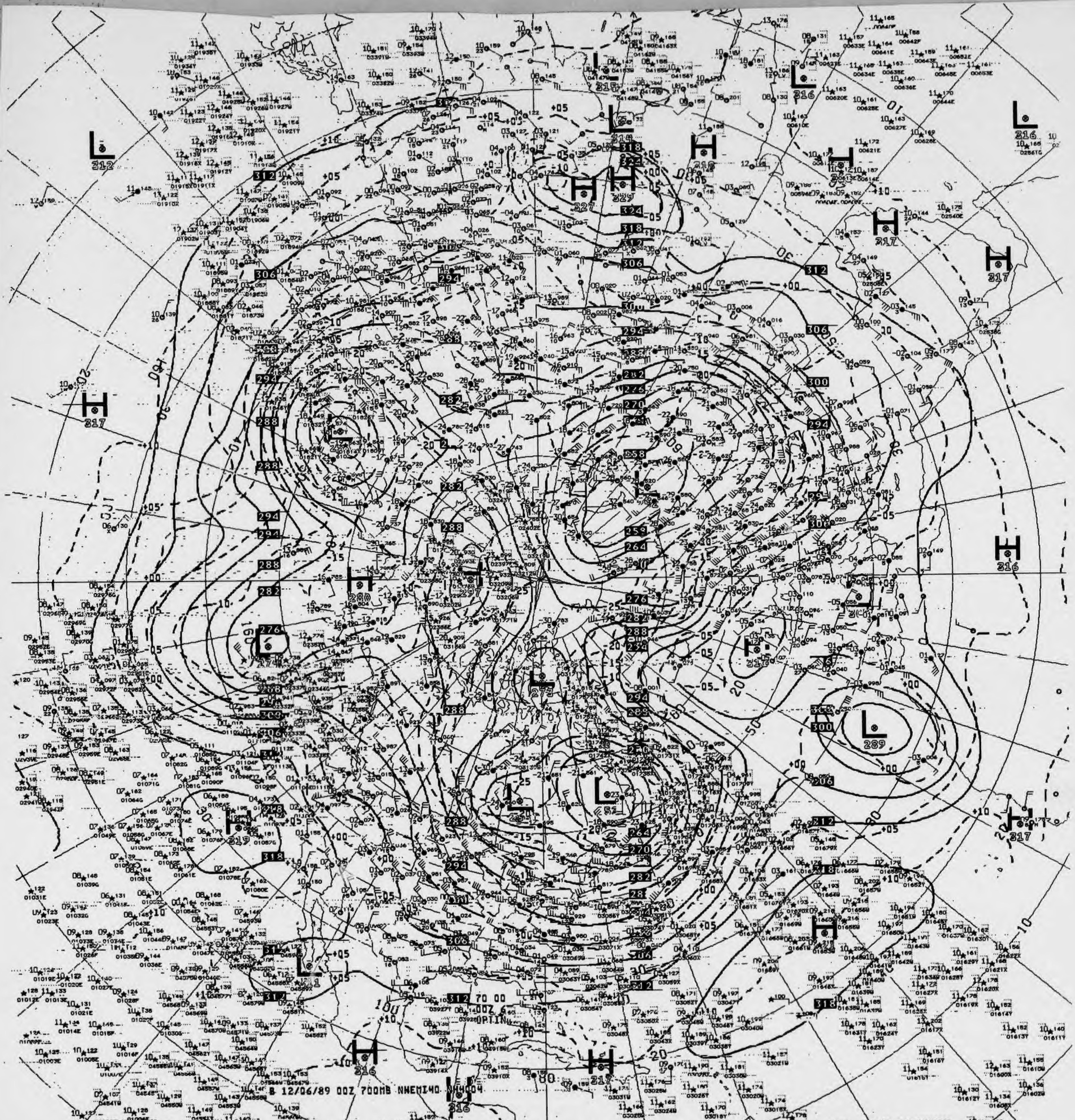

B 12/05/89 00Z 700MB NHEMI40 NH4004
00Z 5
OPTIN
H
317
H
316
H
320
H
315
H
317
H
321
H
318
H
316
H
327
H
318
L
312
L
316
L
310
L
293
L
244
L
252
L
266
L
264
L
314
L
313
U.S. DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V822 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 5 DEC 89



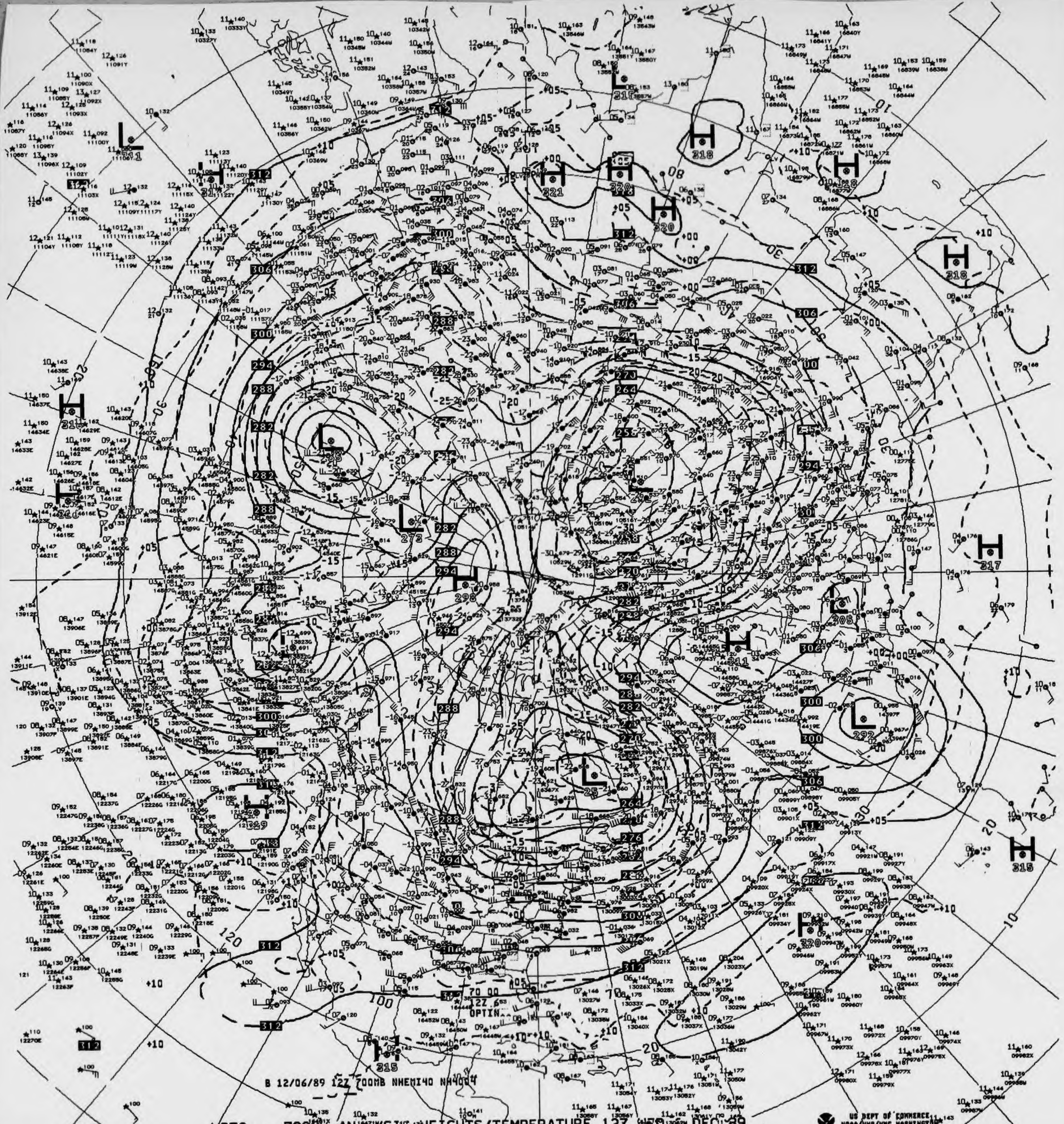
V372 300MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/06/89 00Z 700MB NHEMI40 NH4004
L 312
H 317
L 316
H 316
H 317
L 289
L 276
H 280
H 227
H 317
H 316
H 317
H 216
L 314
H 317
OPTIN

V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 6 DEC 89

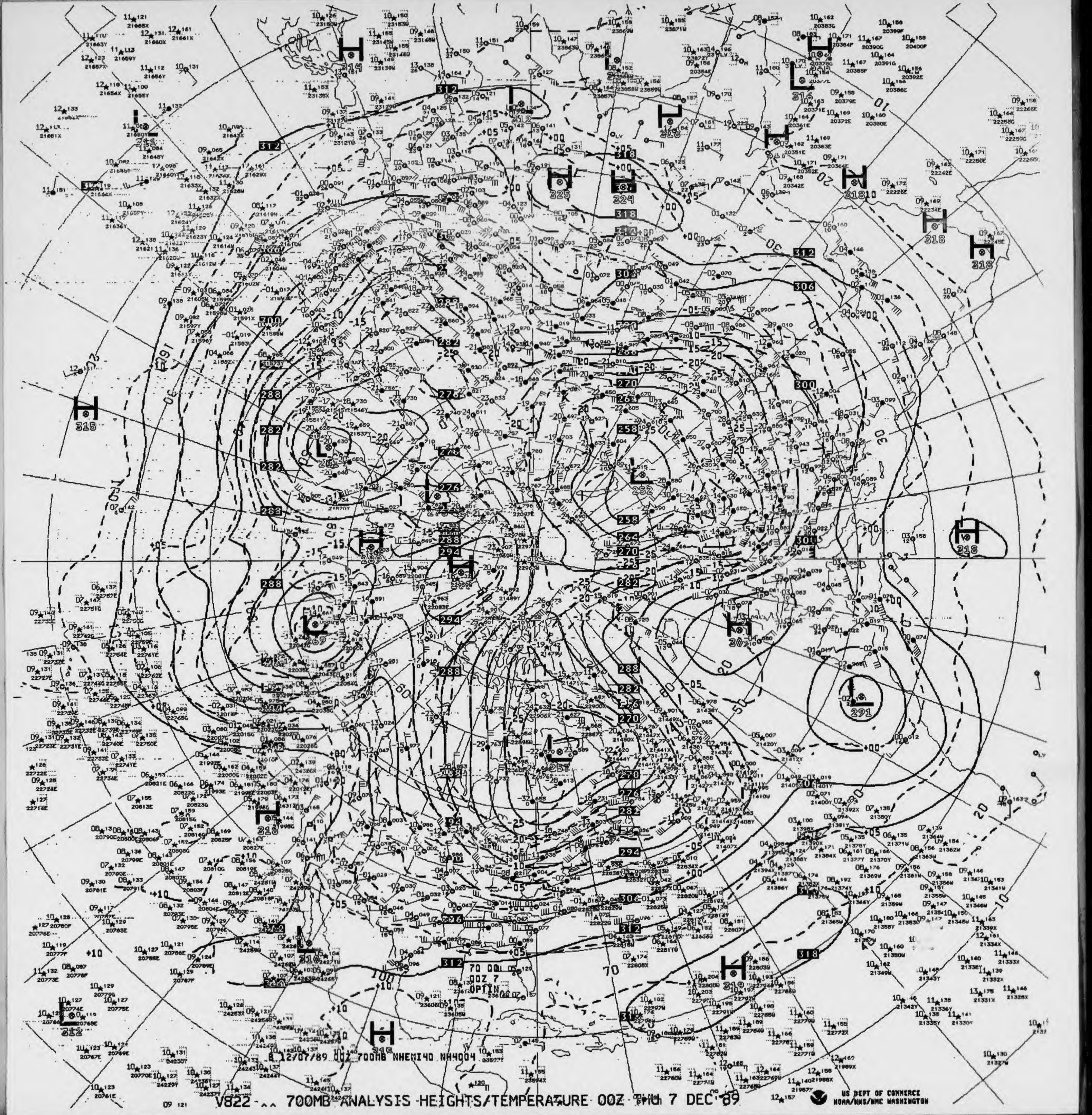
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/06/89 12Z 700MB NHEMI40 NH4004

*872 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 6 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



8 12/07/89 00Z 700MB NHEMI40 NH4004
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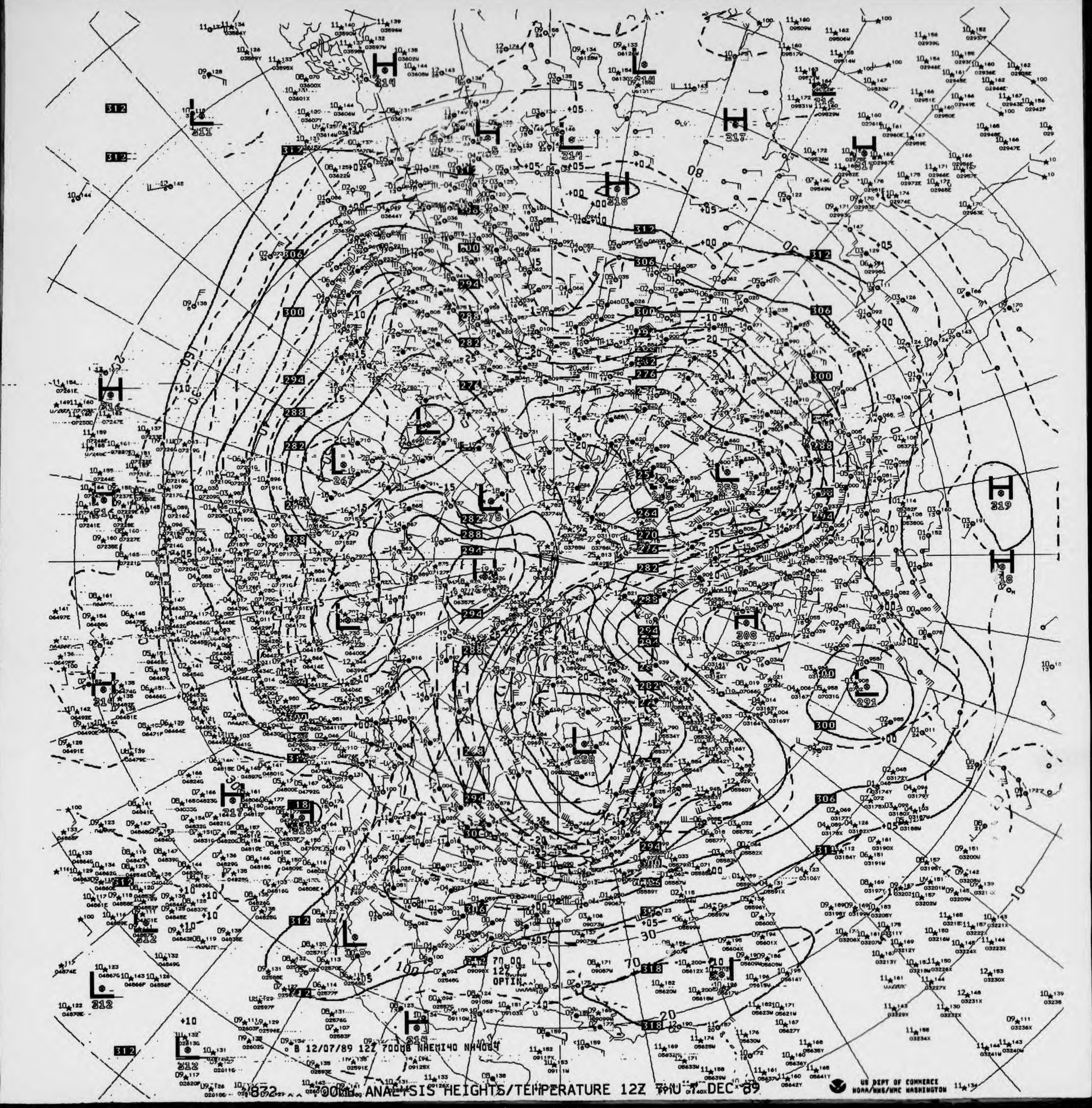
00Z 7
OPTIN

V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 7 DEC 89

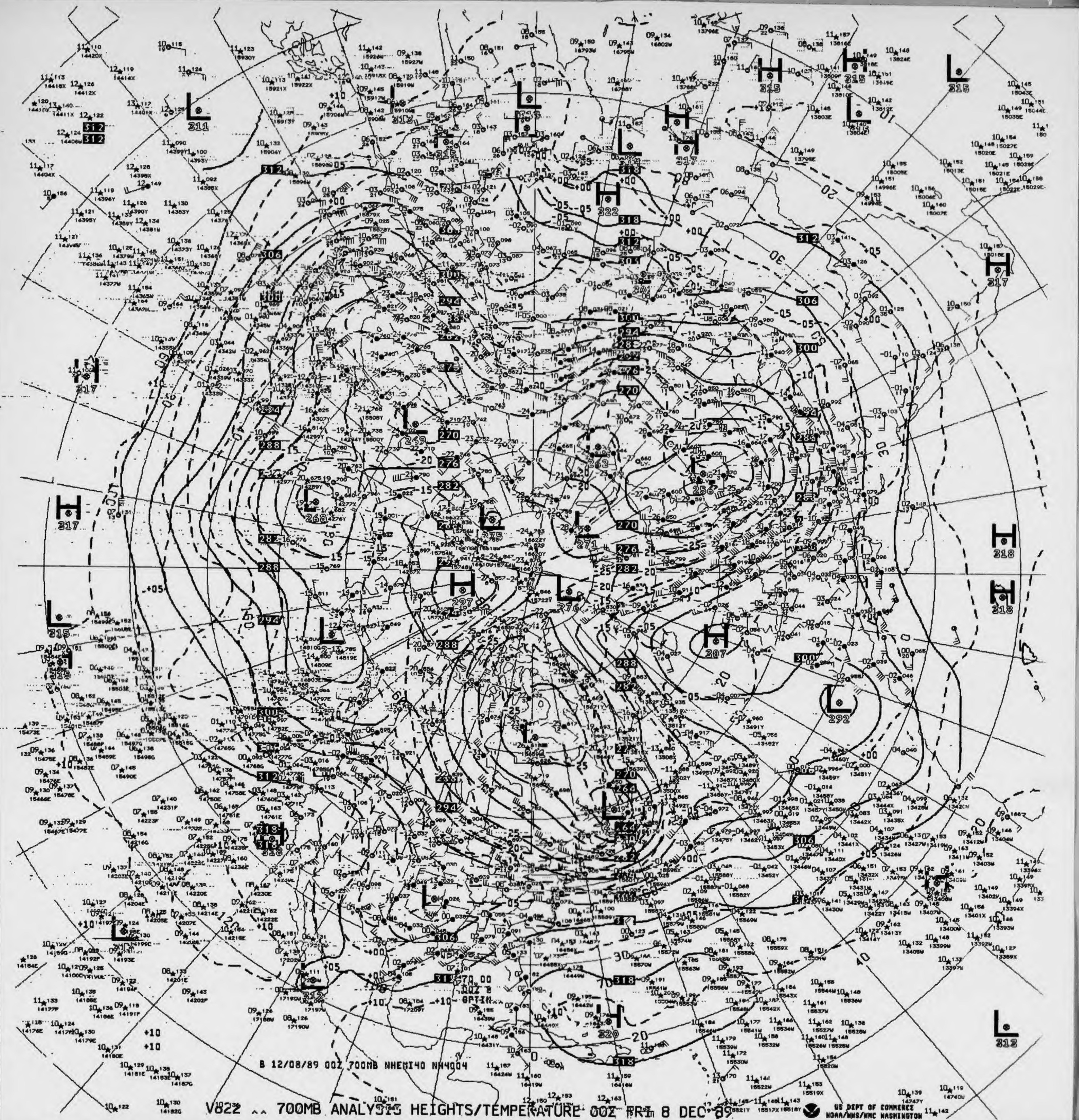
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/07/89 12Z 700MB NHEMI40 NH4064

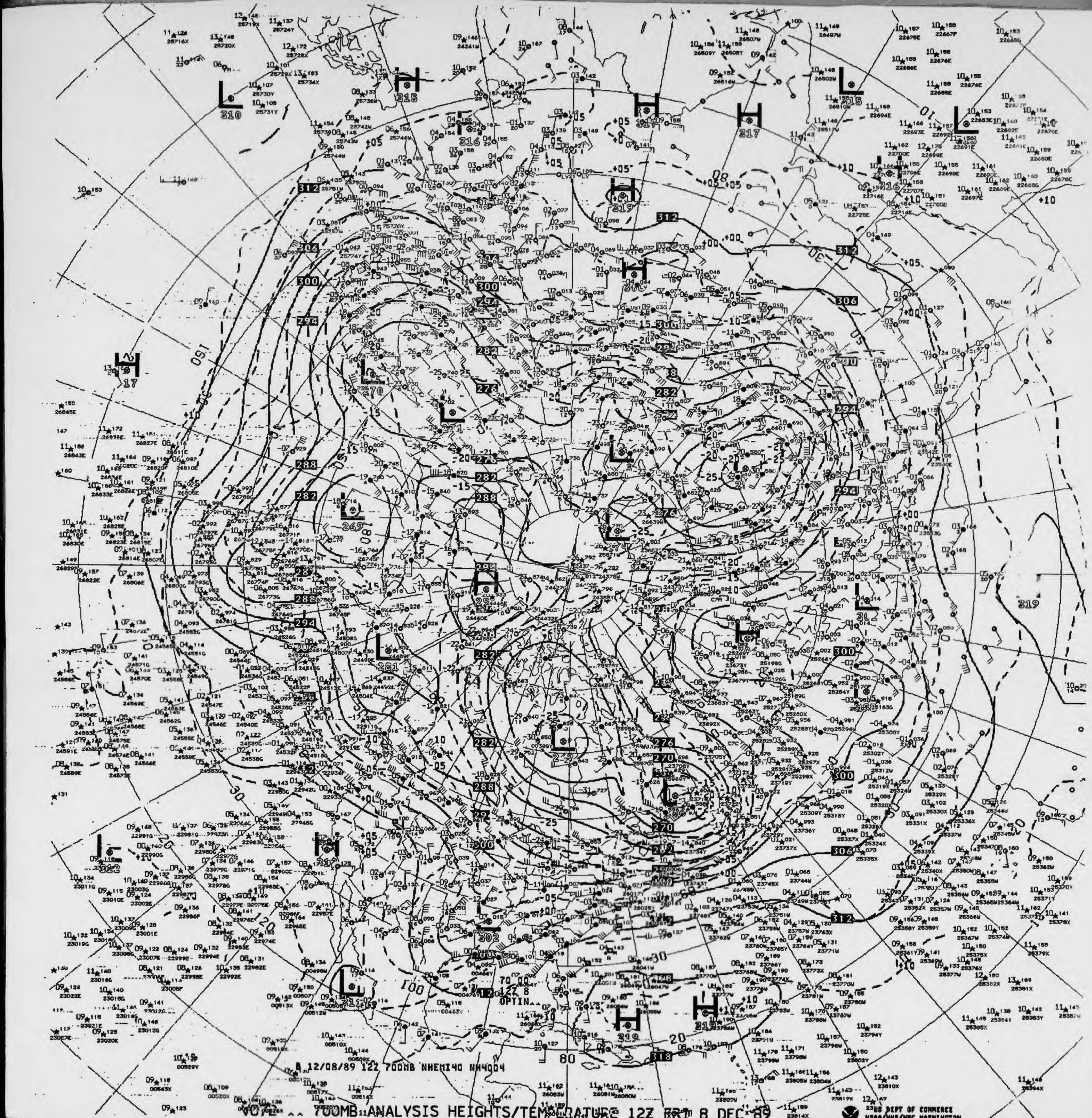
832 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 7 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/08/89 00Z 700MB NHEMI40 NH4004

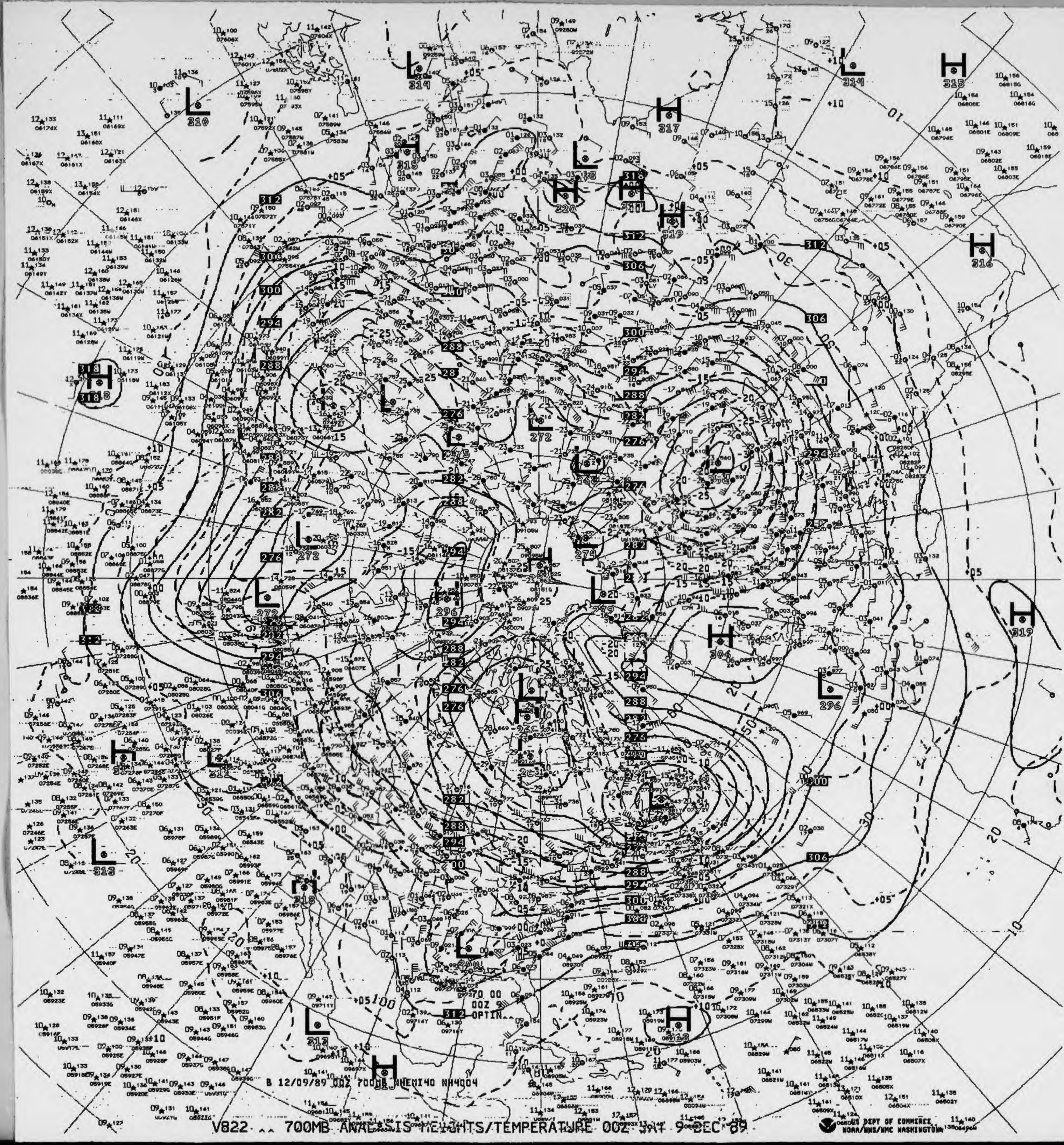
V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 8 DEC 89

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON


B 12/08/89 12Z 700MB NHEMI40 NH4004
H
315
L
310
H
317
H
319
L
270
L
269
L
261
L
272
H
319
H
319
312
306
300
294
288
282
276
270
80

VO72 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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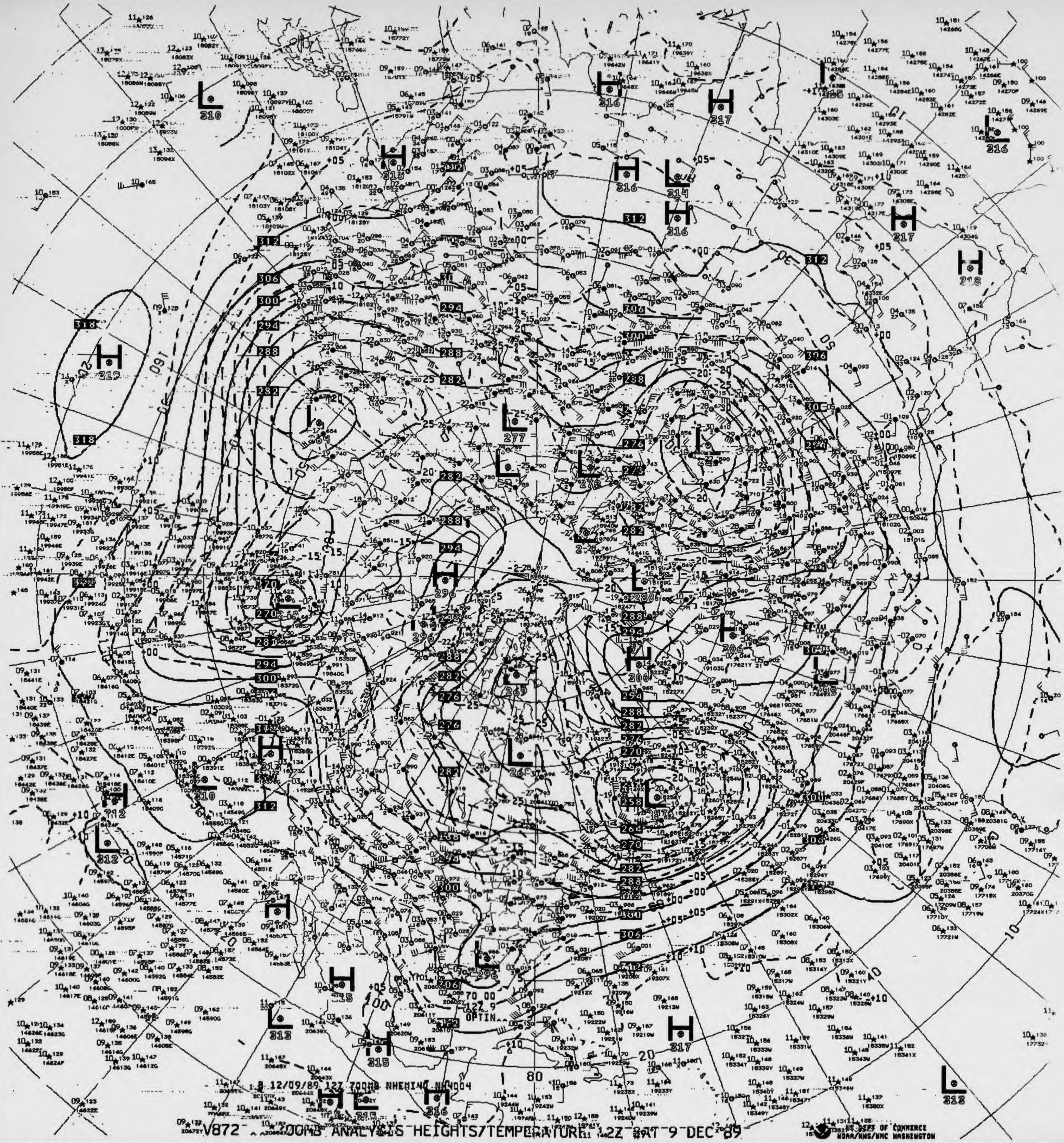
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 9 DEC 89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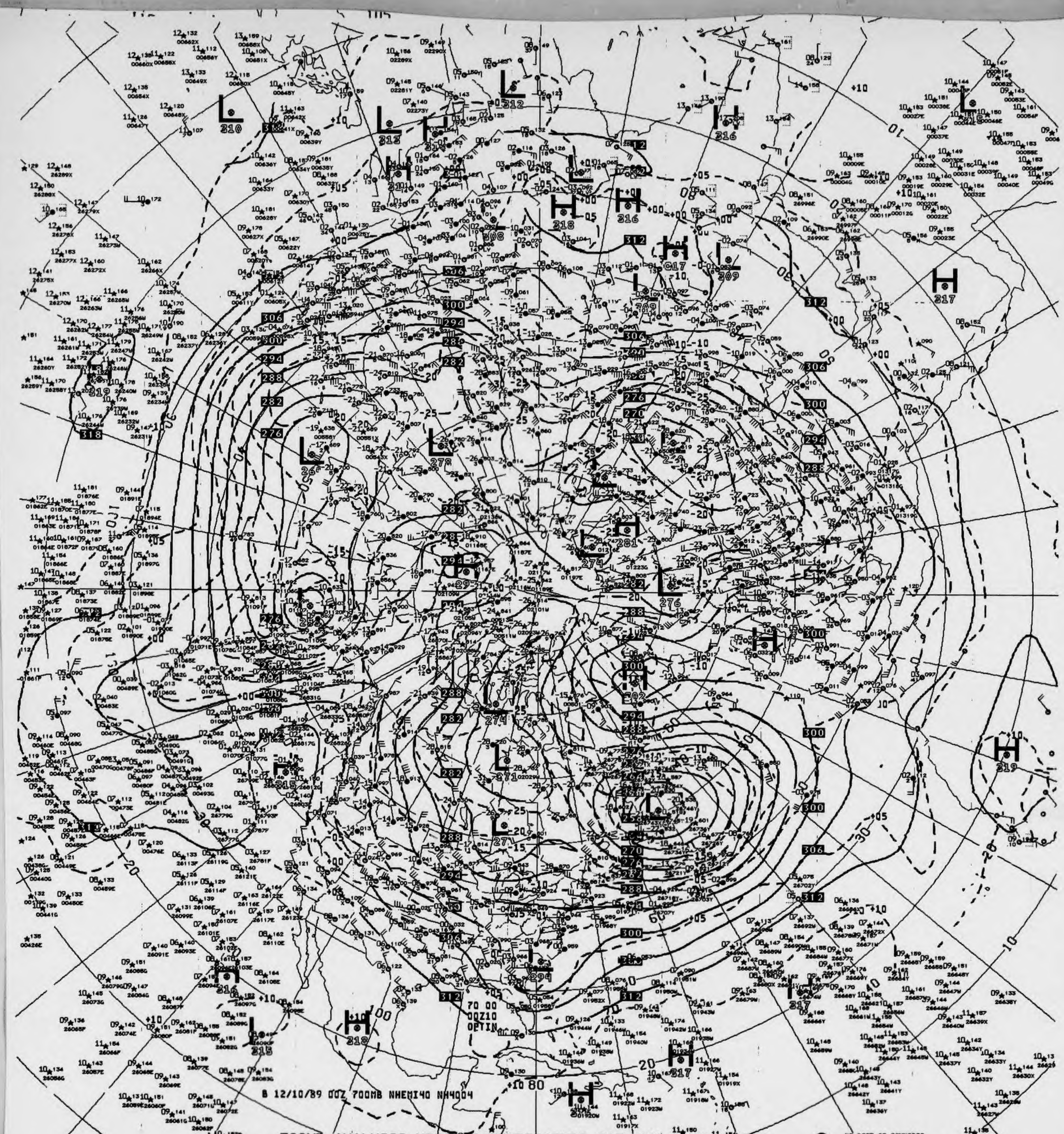
V872 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 9 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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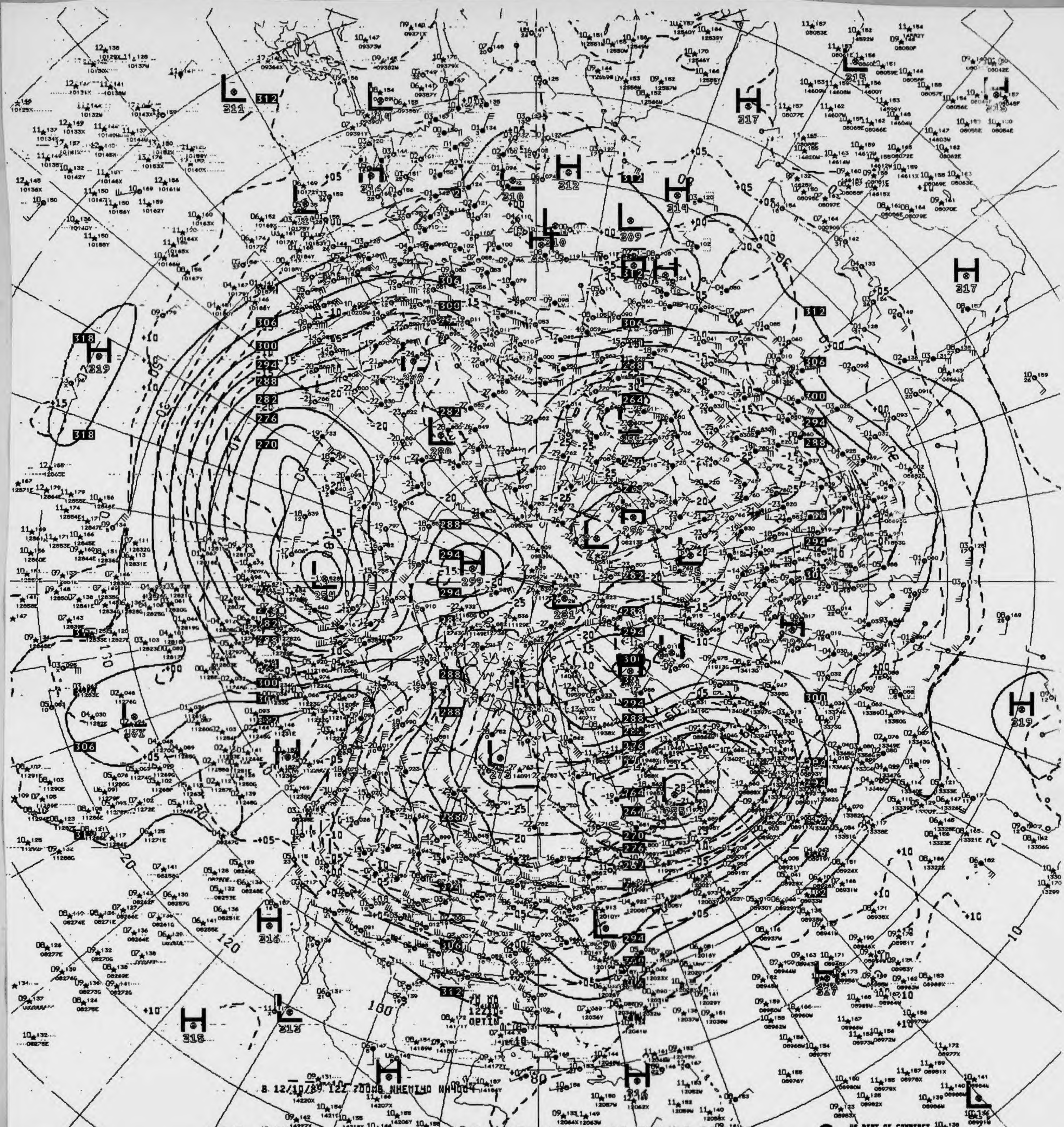
V822 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 10 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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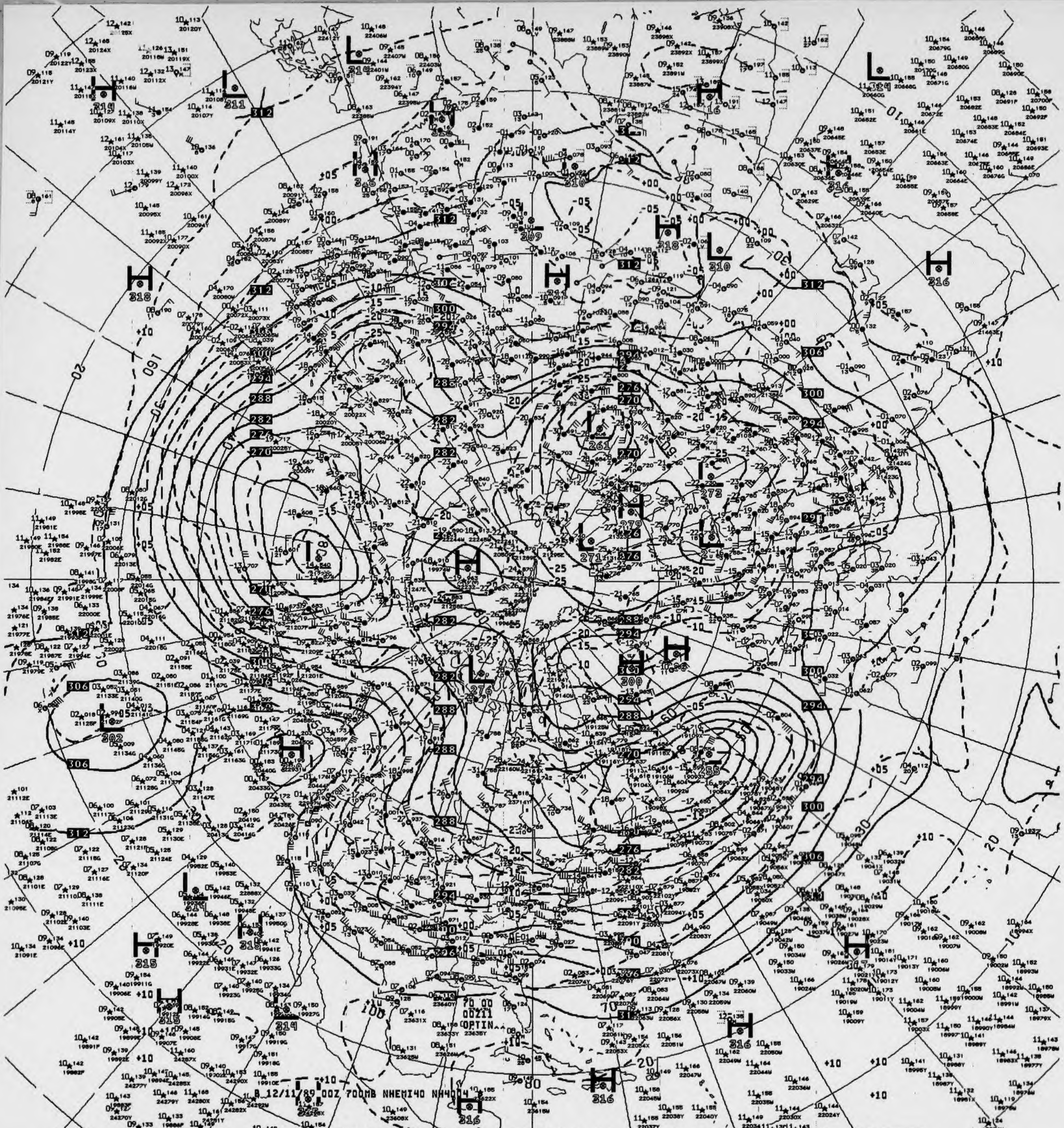
V872 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 10 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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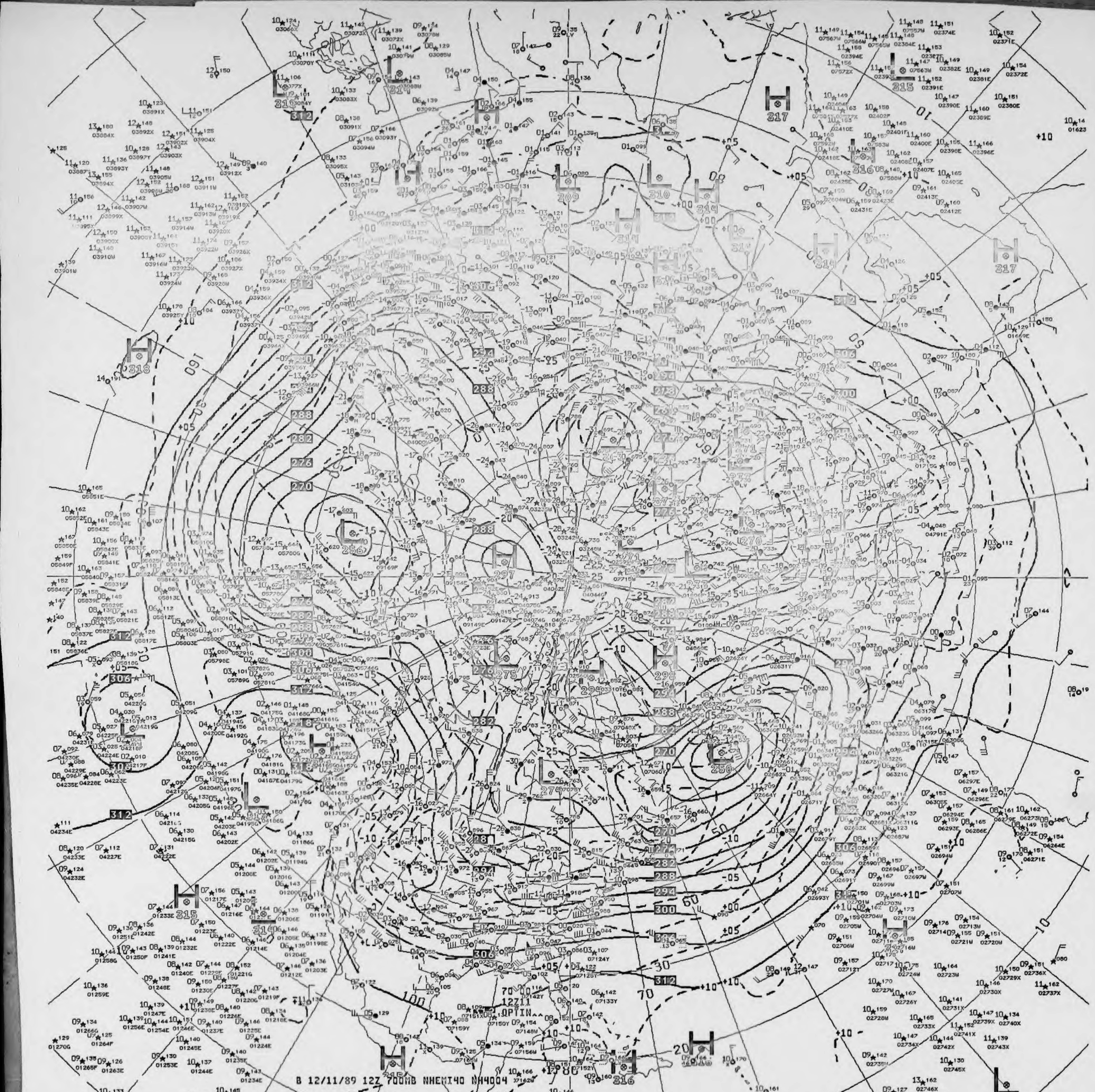
V622 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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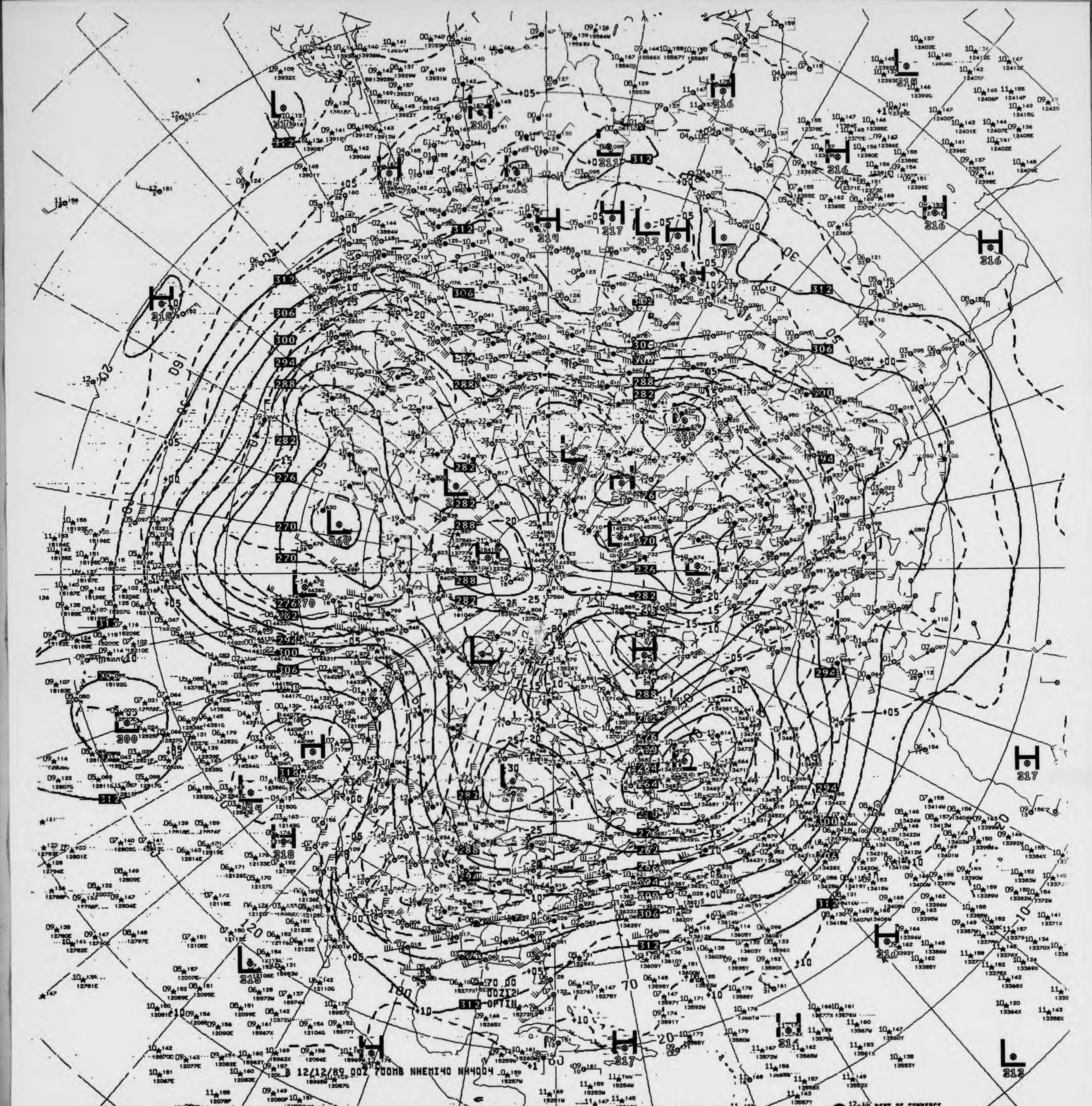
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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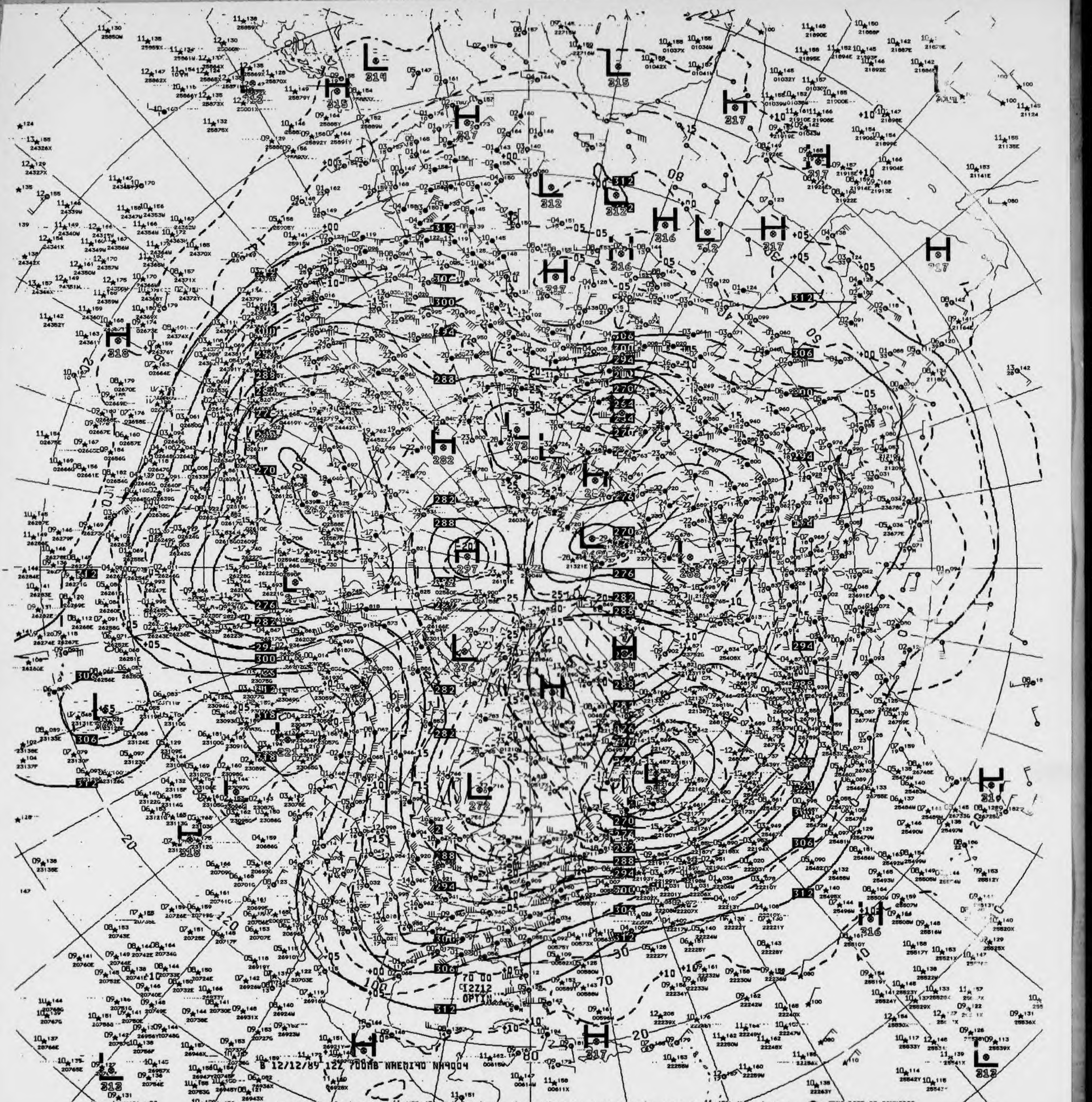
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

1022 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 12 DEC 89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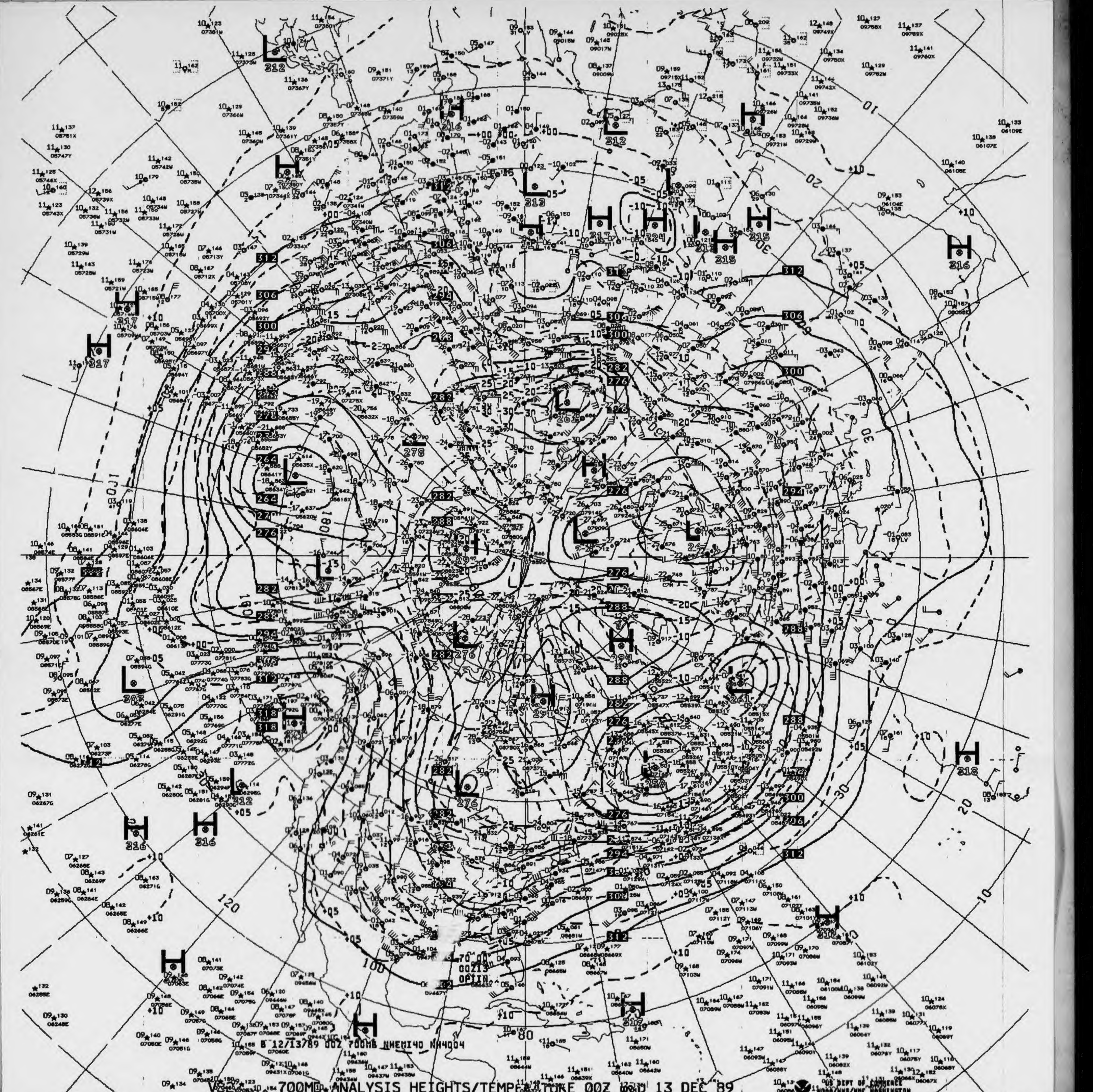
872 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 12 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
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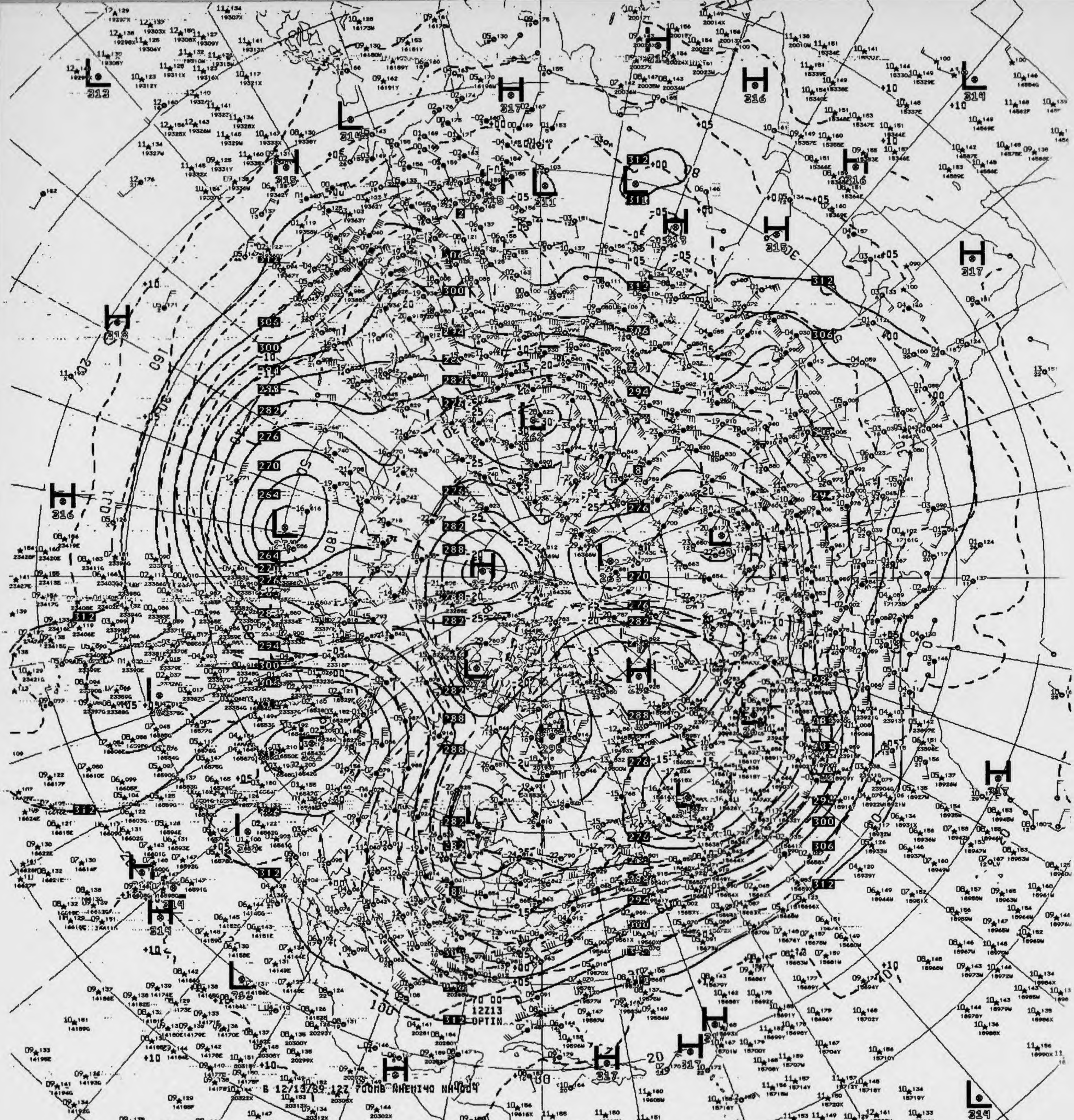
V02 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 13 DEC 89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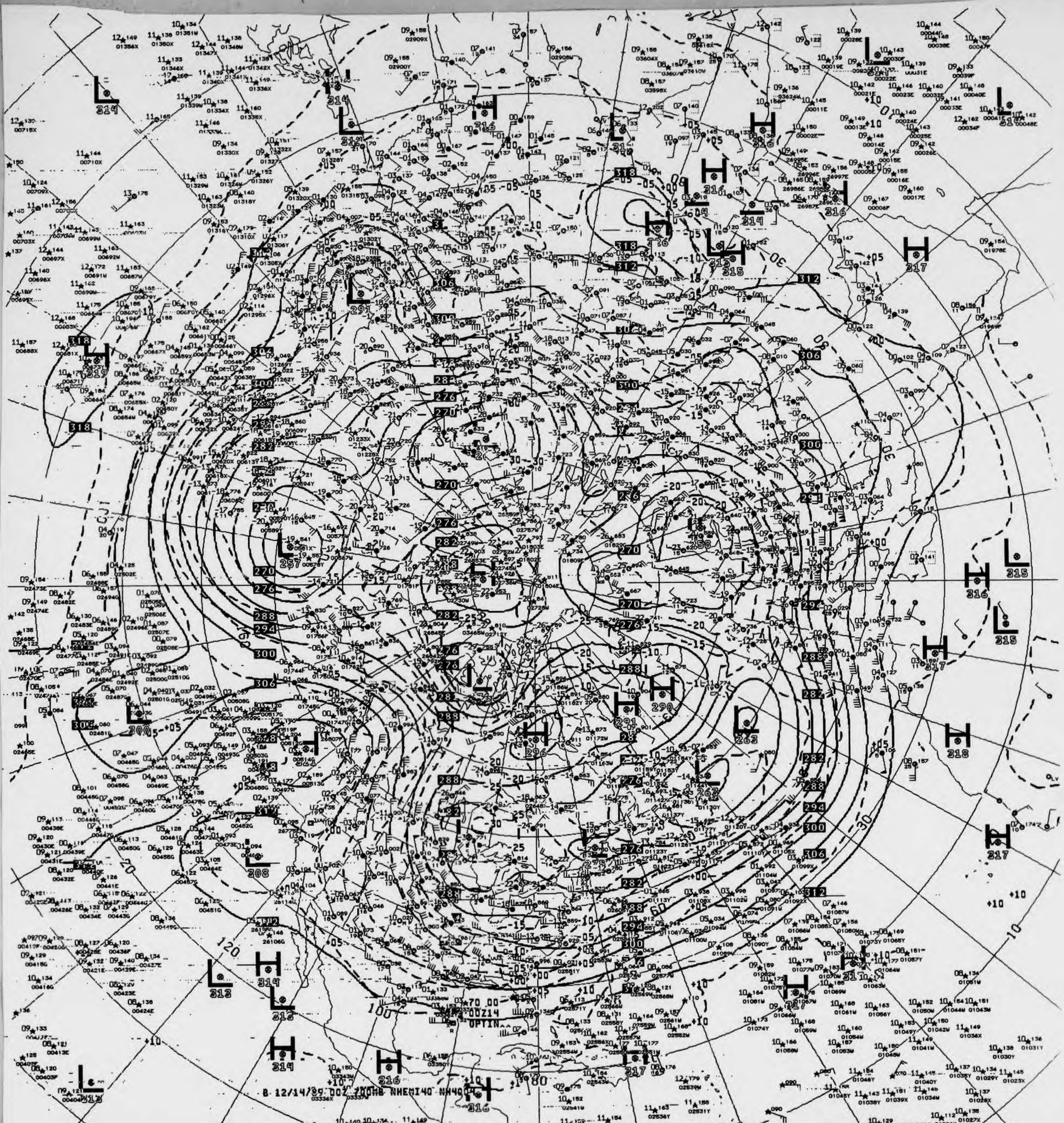
VR72 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 13 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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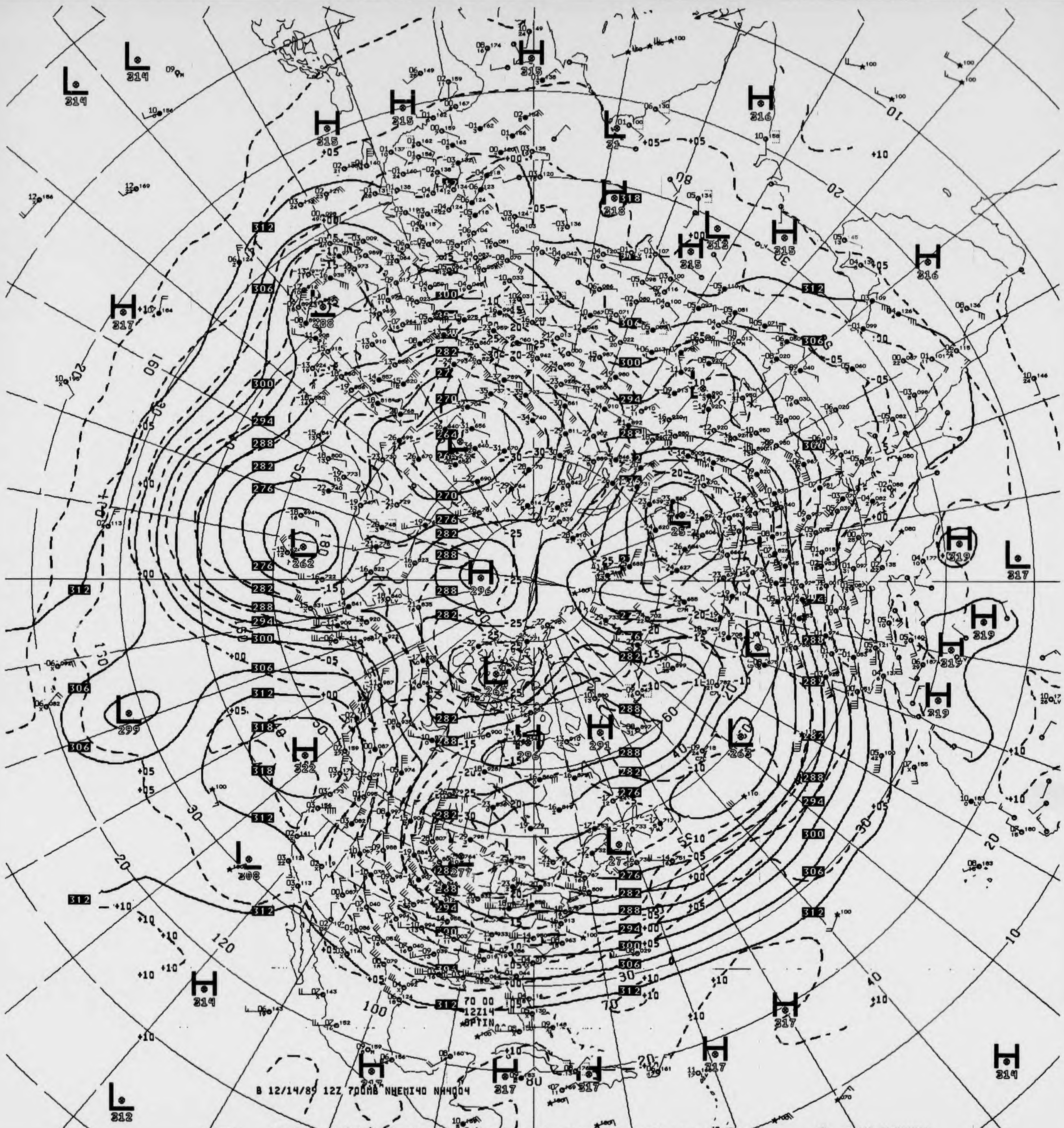
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 14 DEC 89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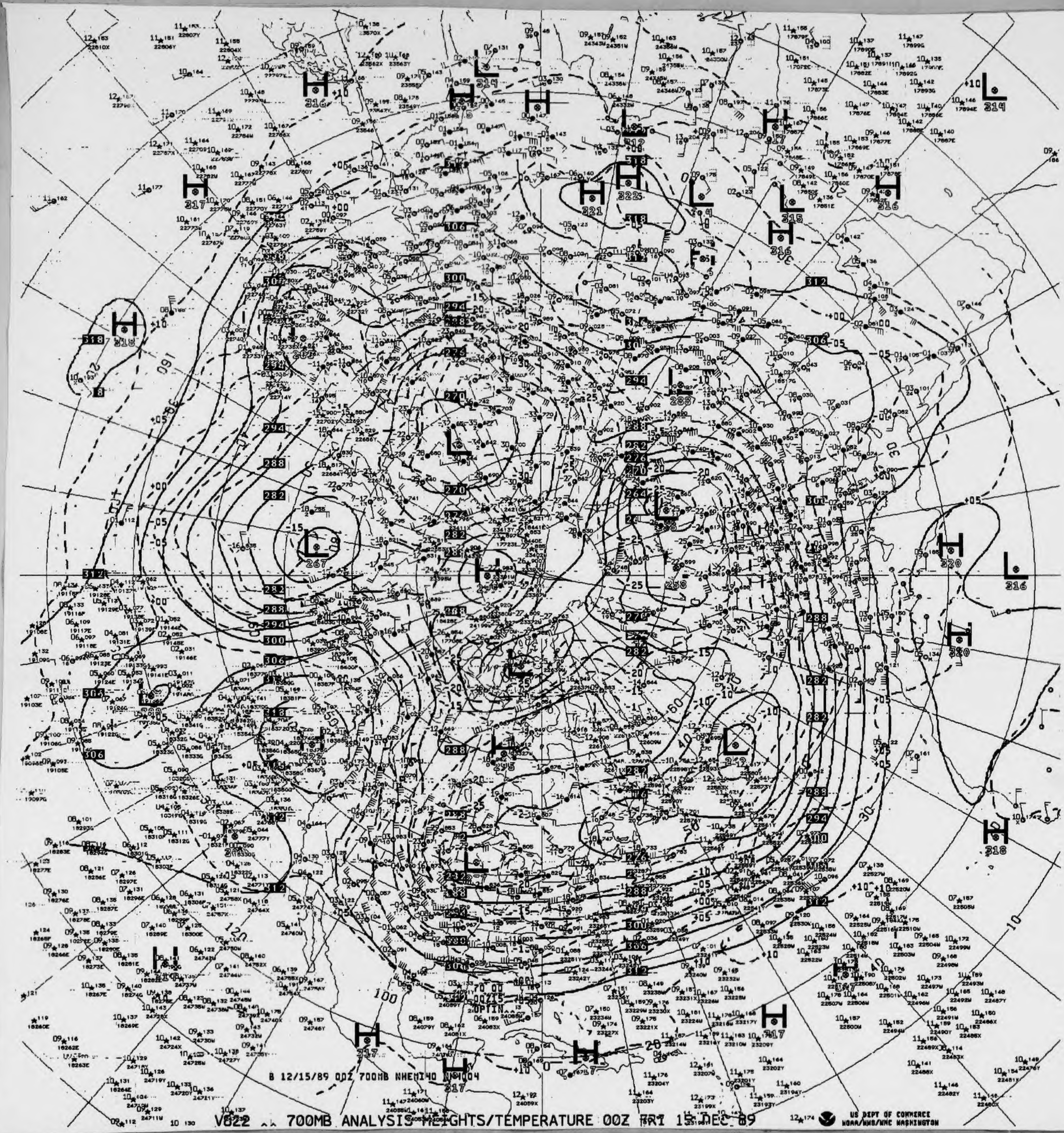
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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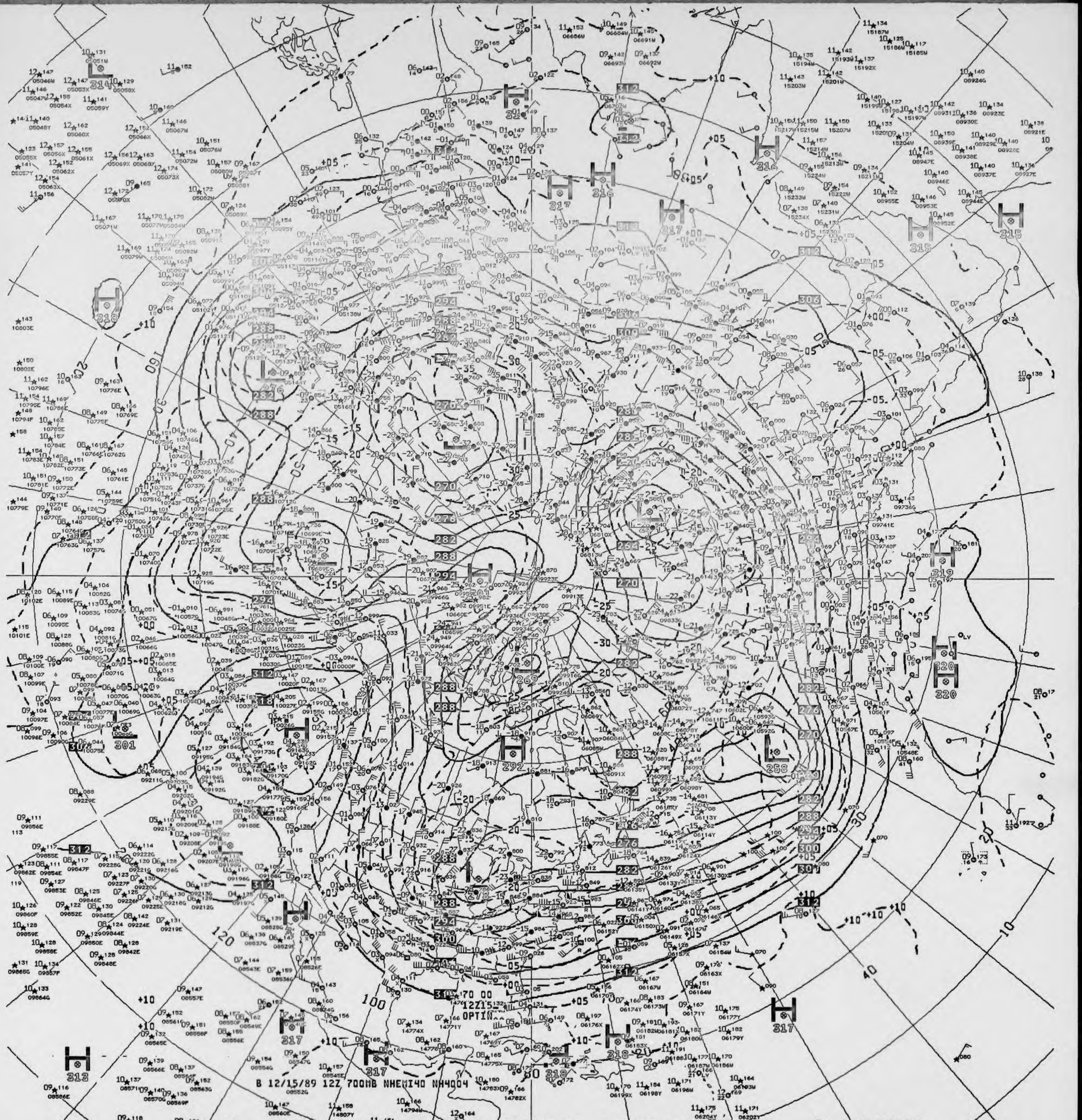
V822 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 15 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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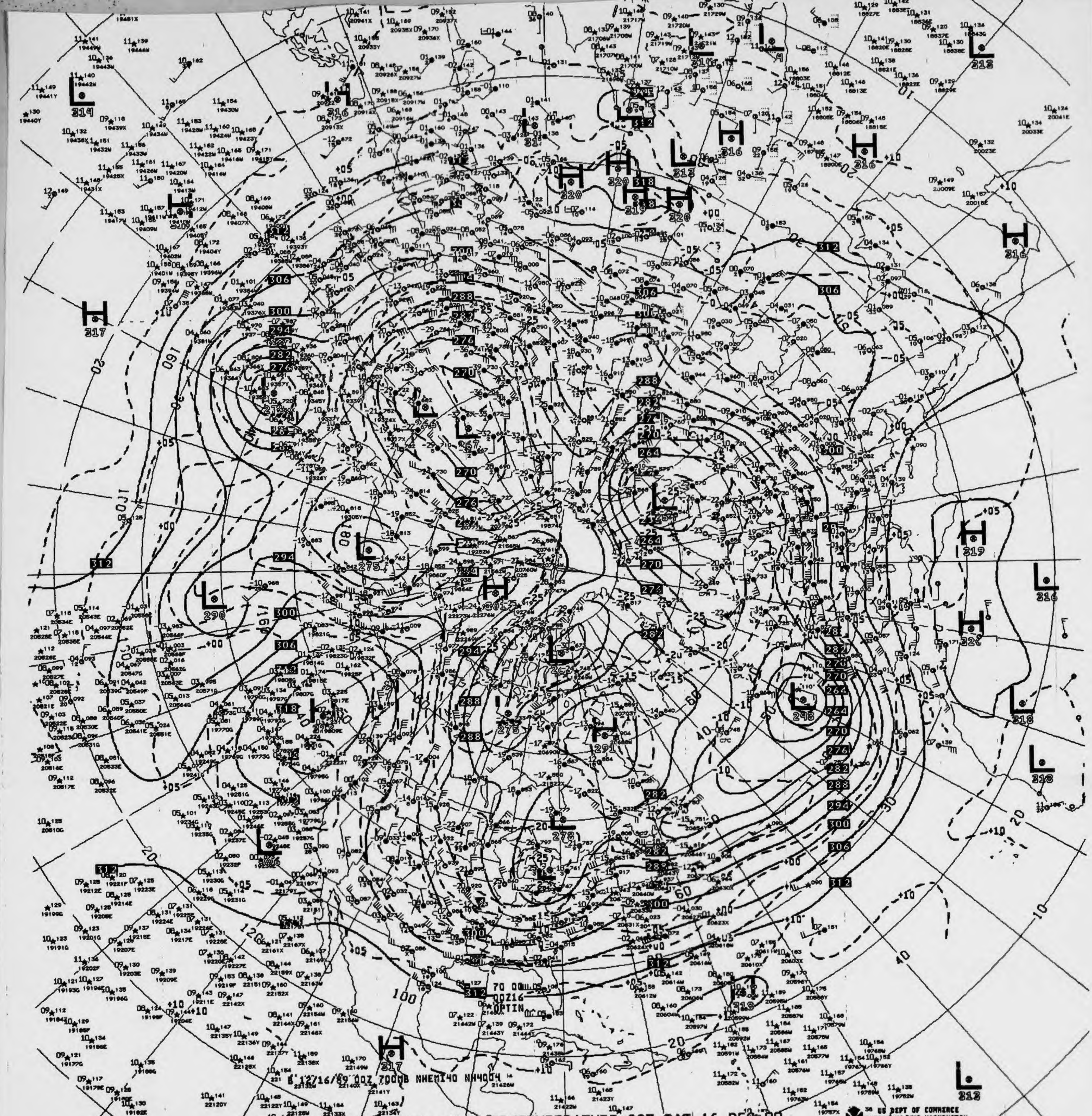
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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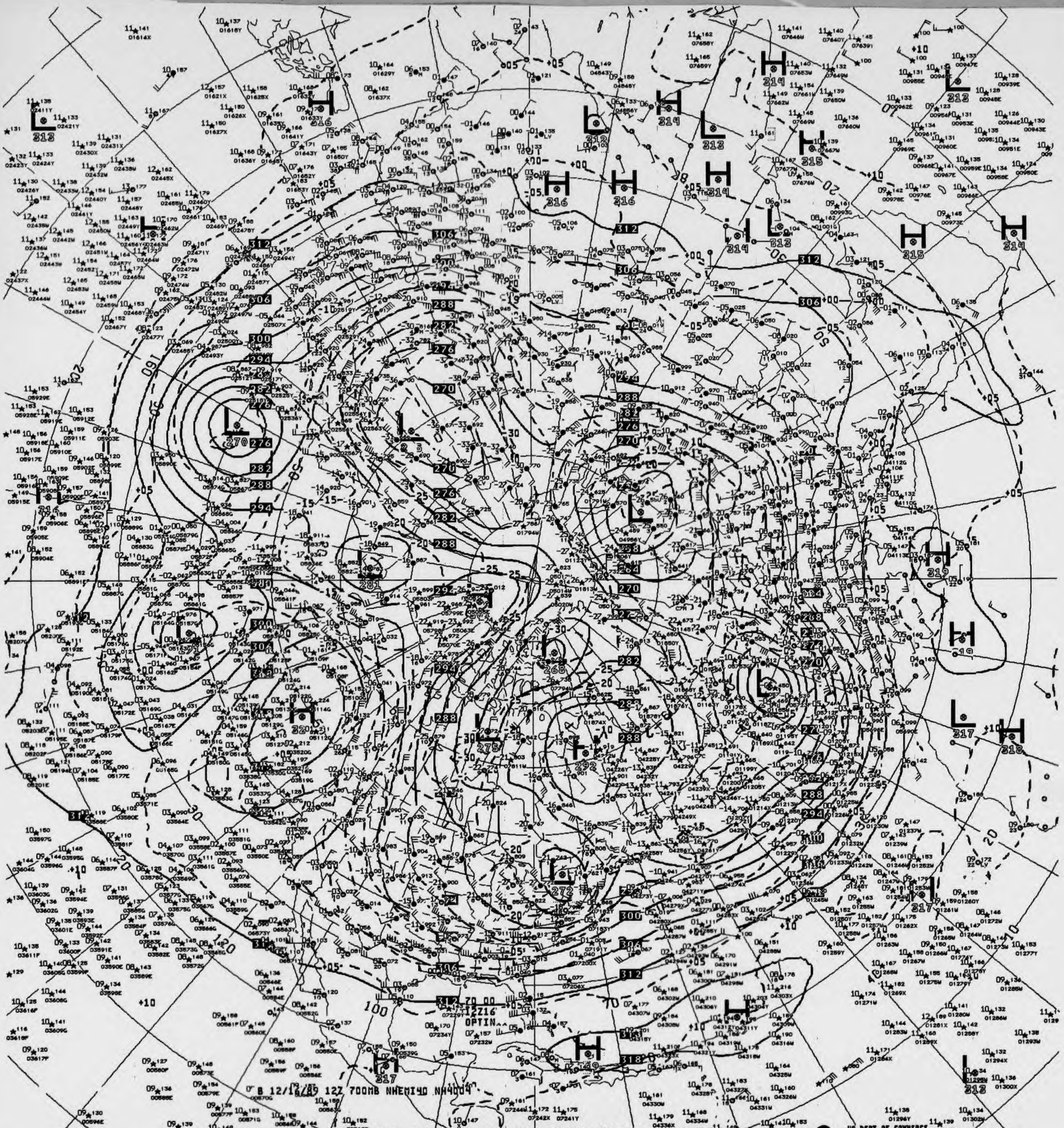
V822 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 16 DEC 89

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON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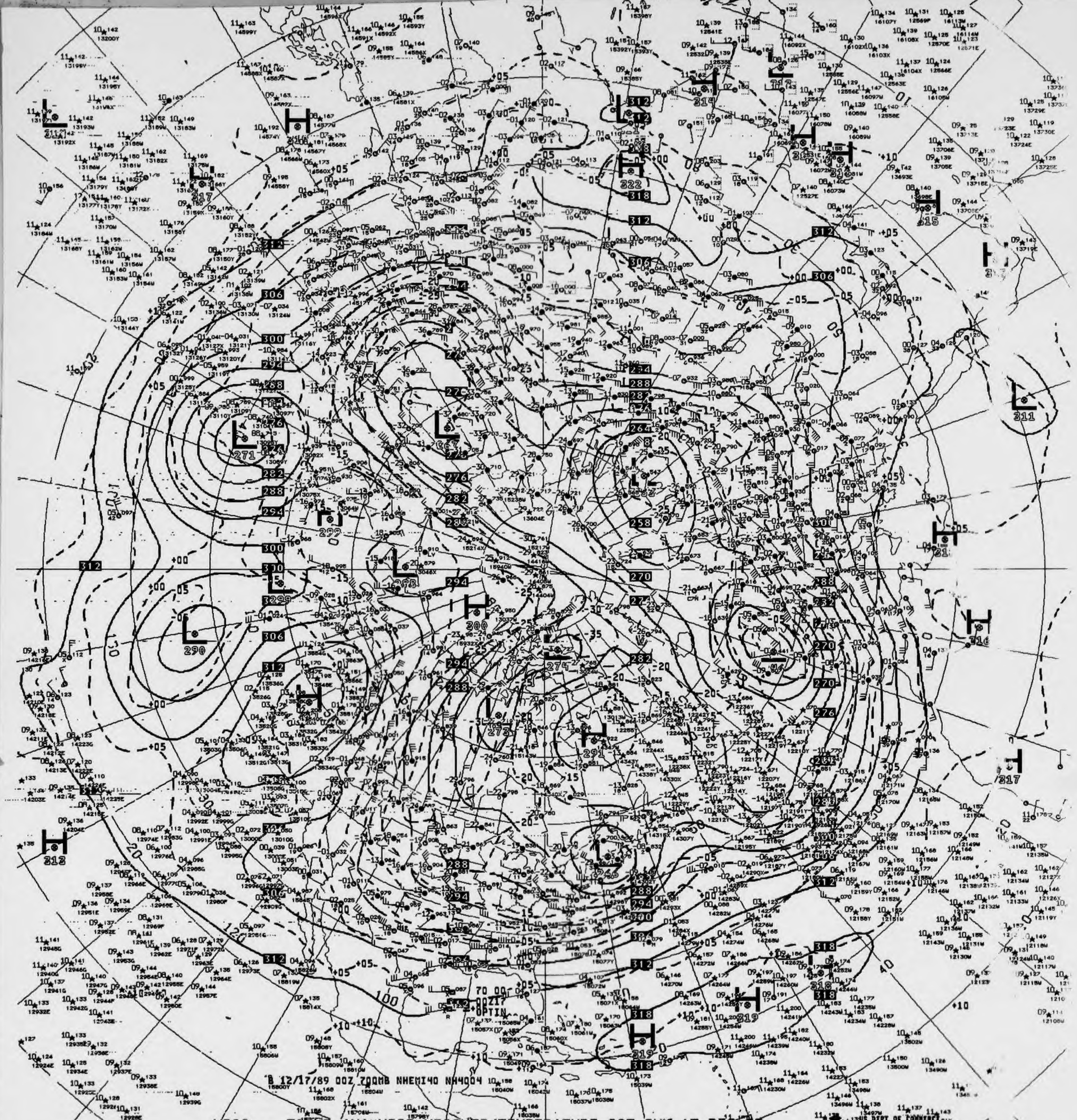
V872 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 16 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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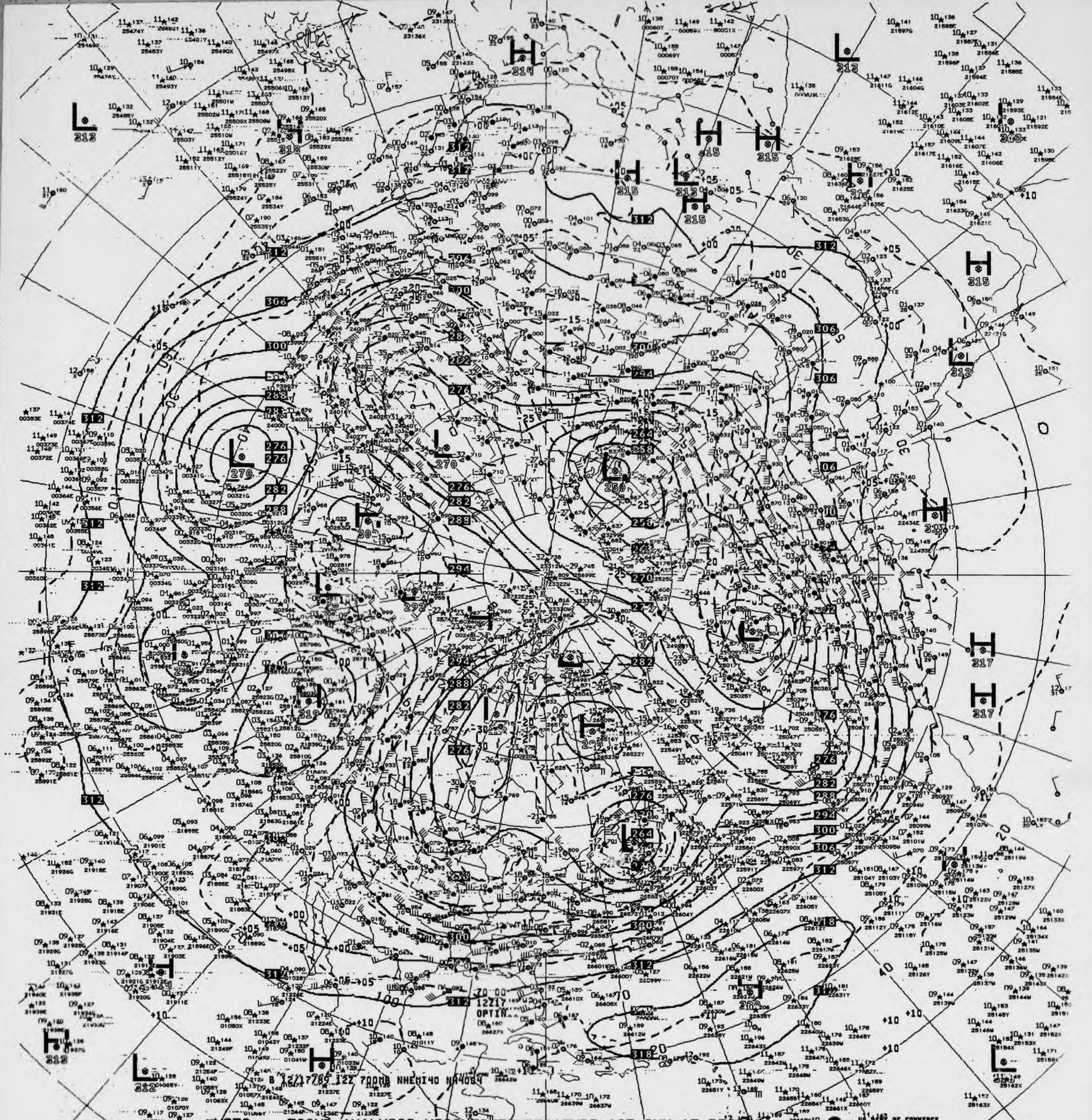
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V822 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 17 DEC 89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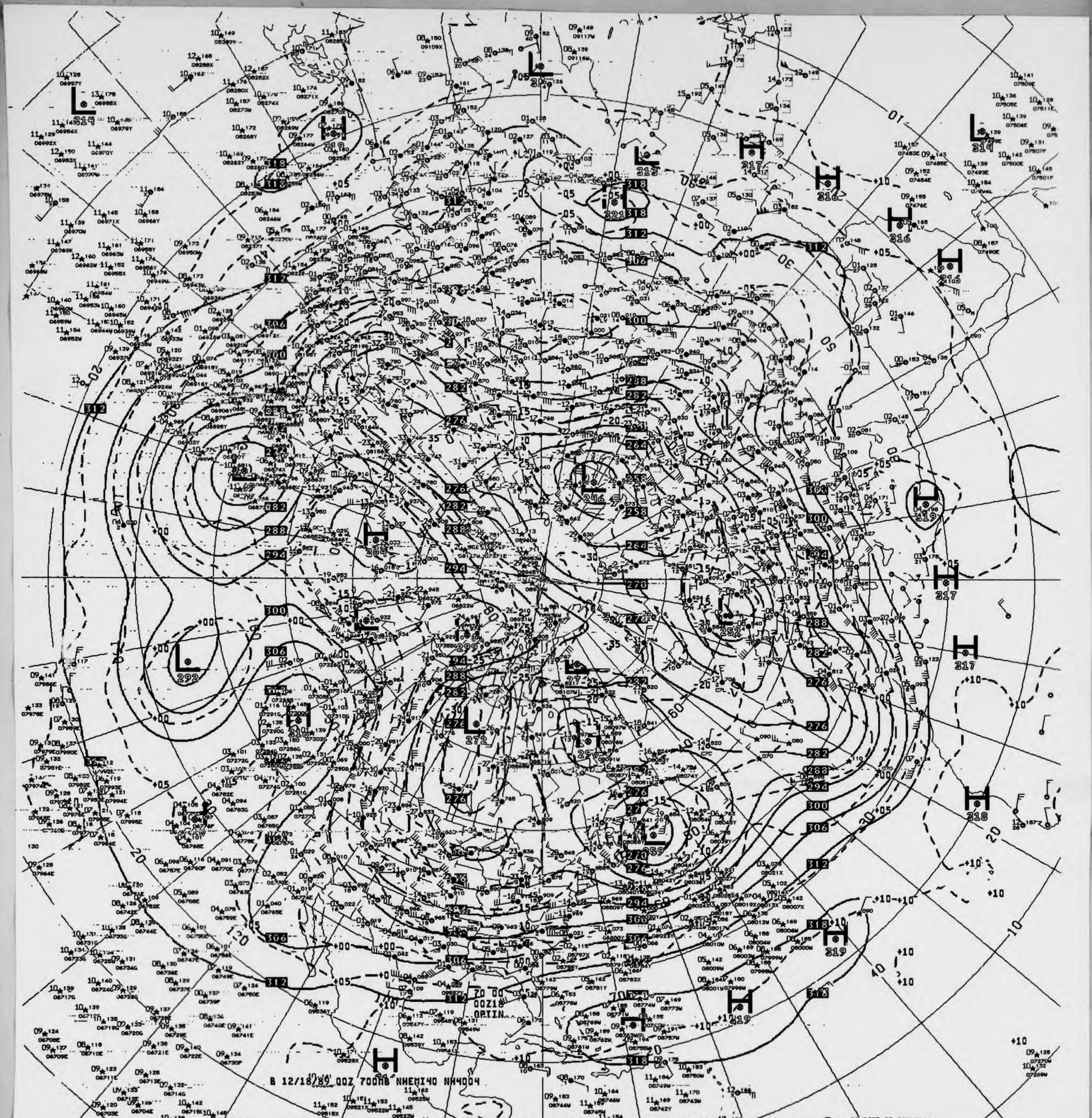
372 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 17 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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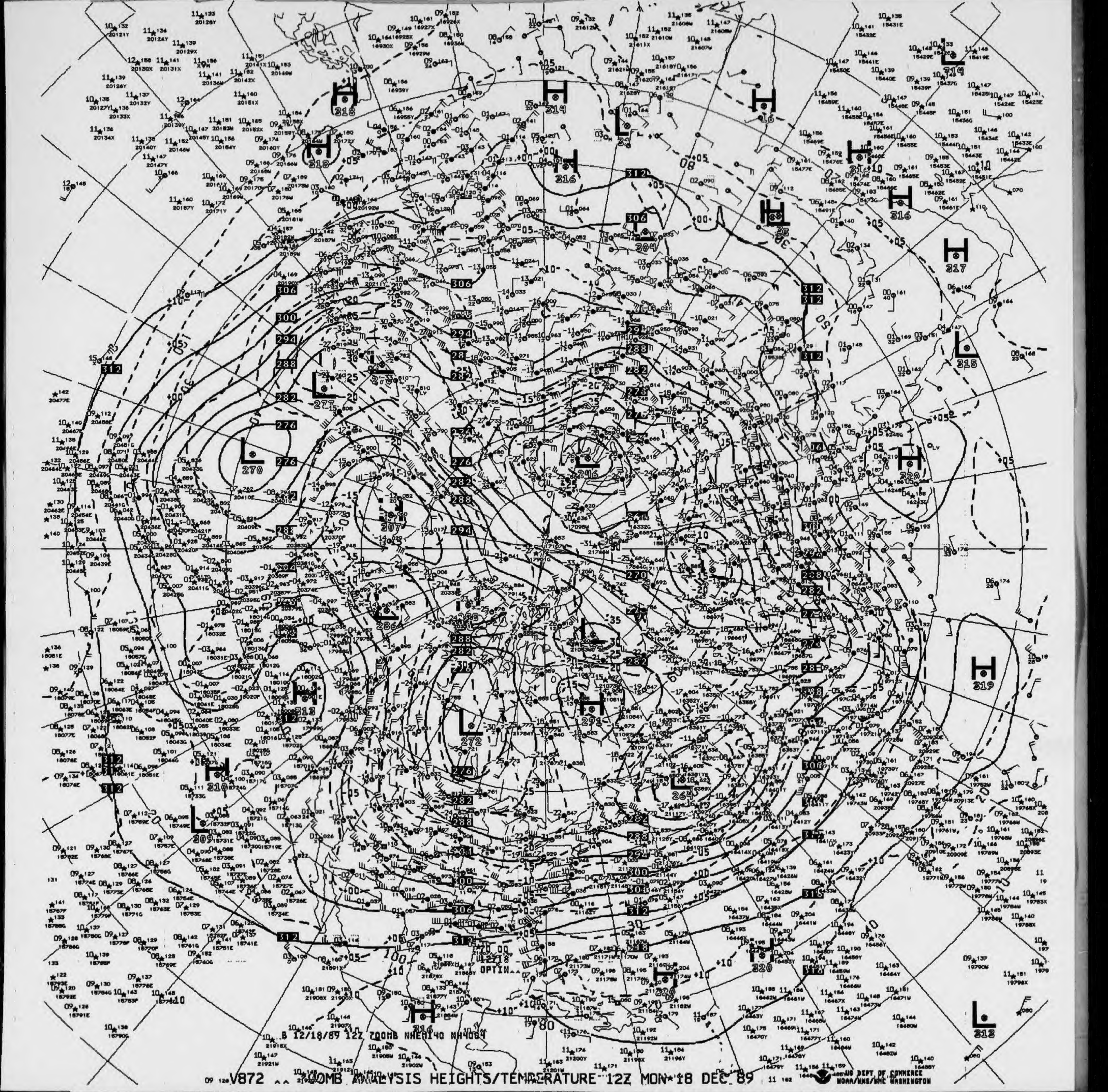
V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 18 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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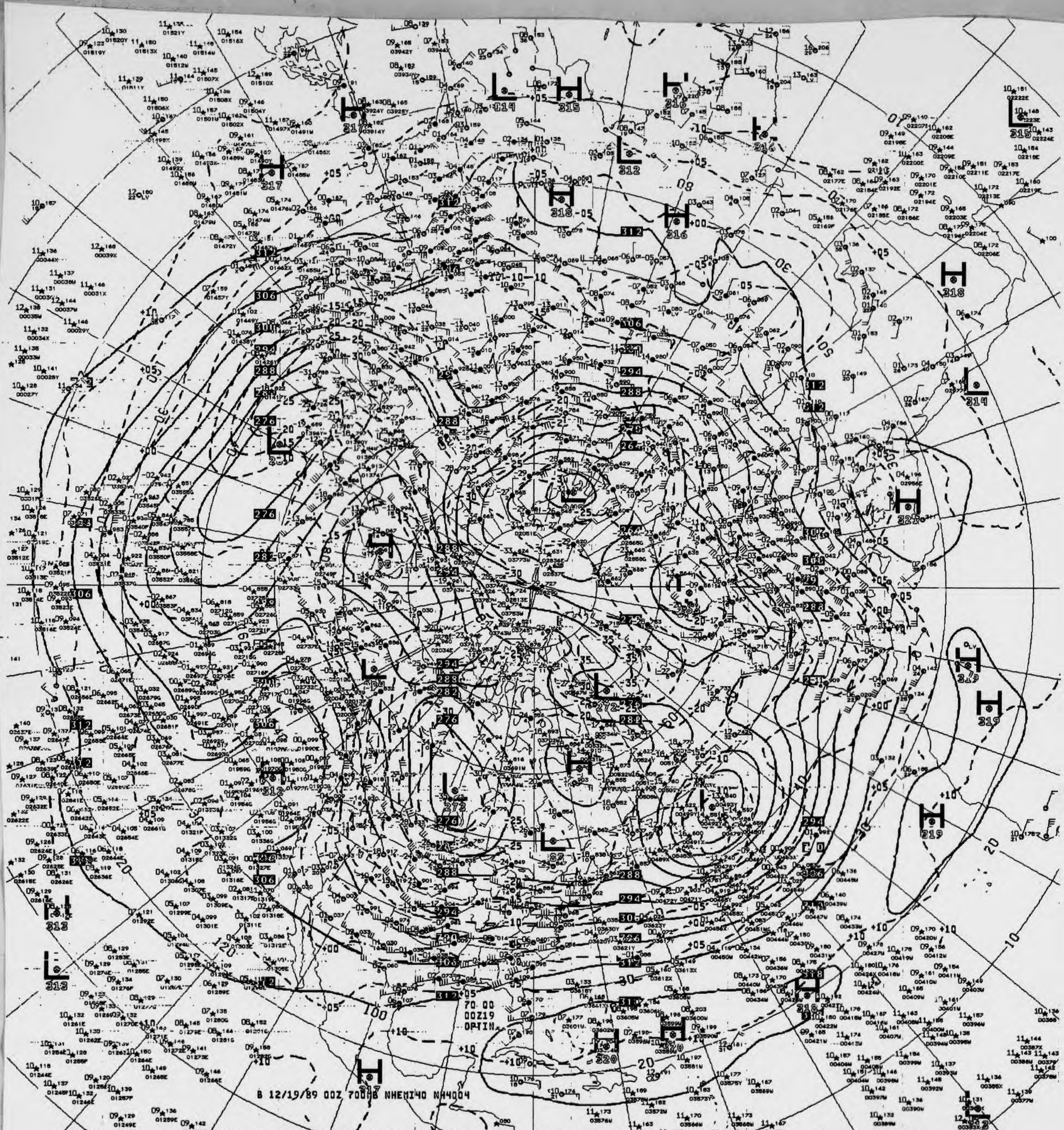
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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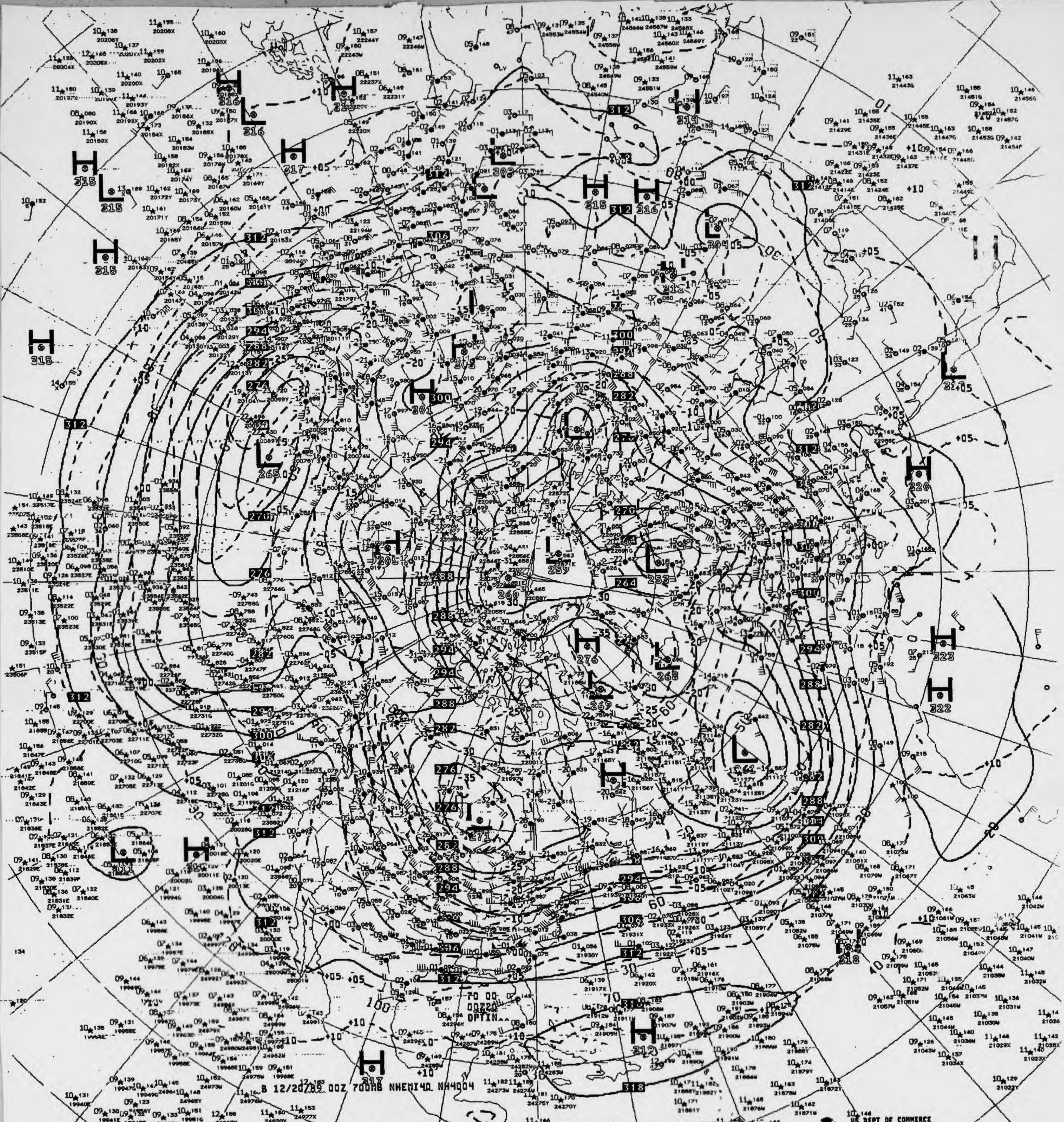
V822 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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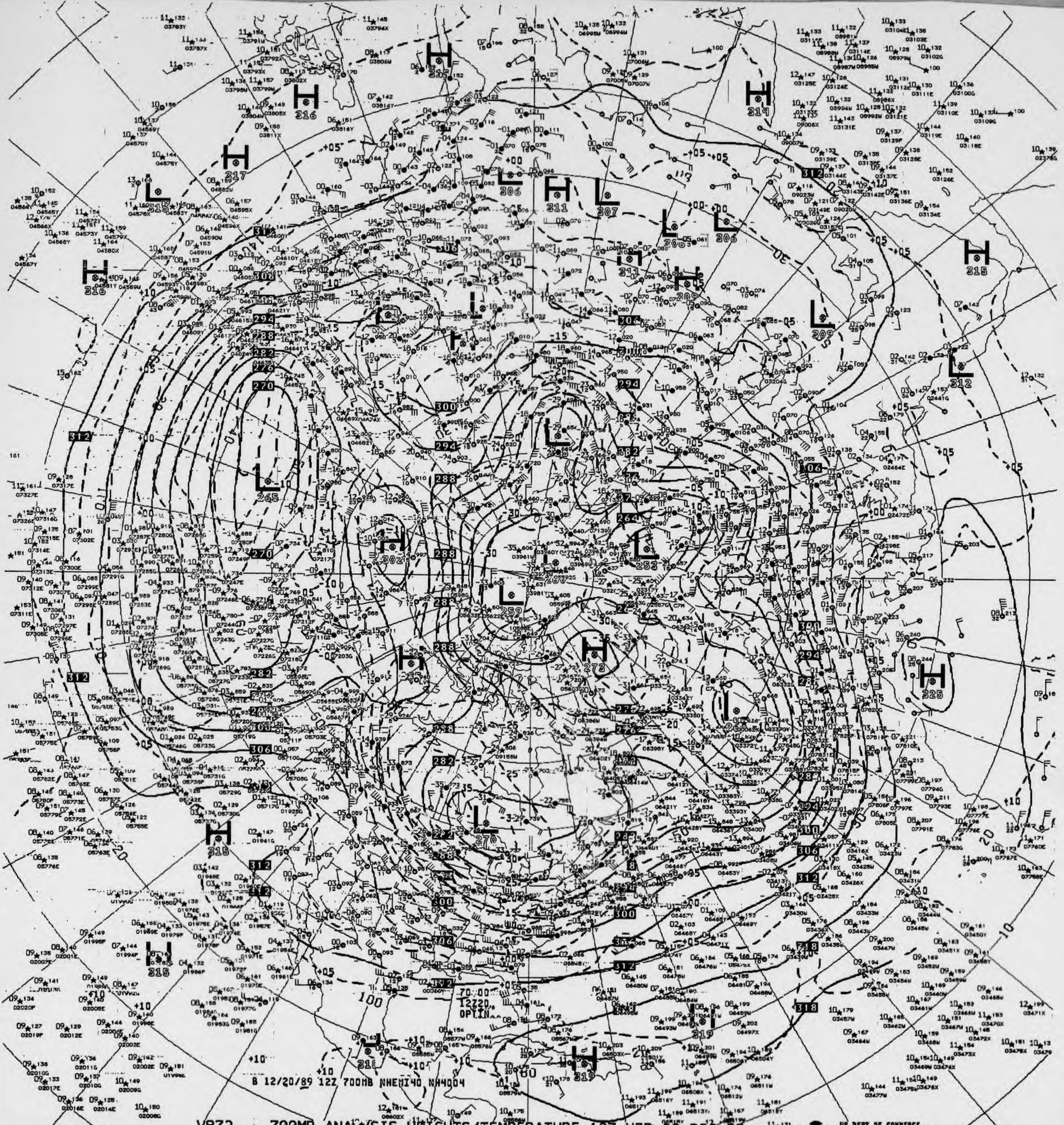
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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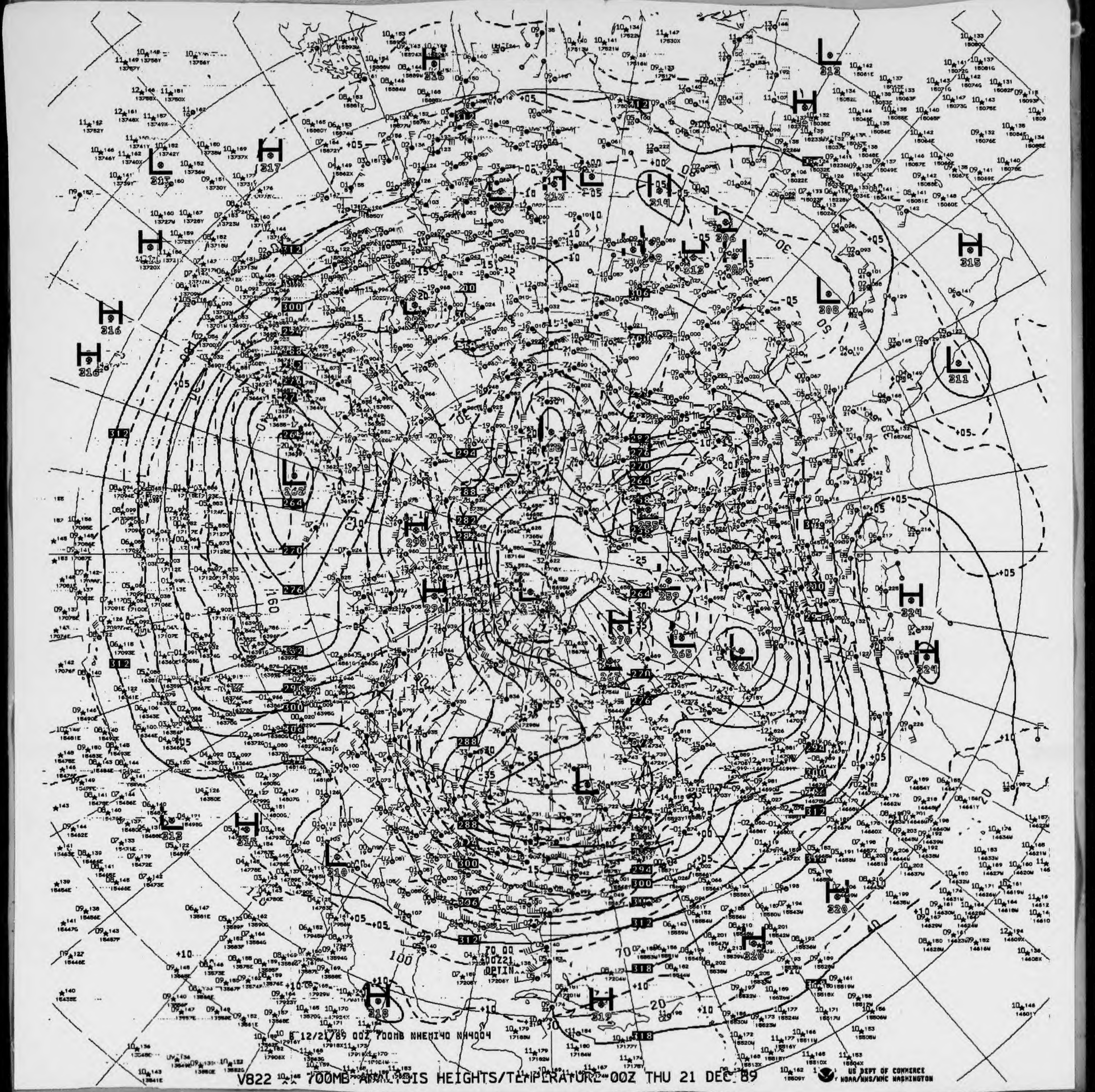
NOAA/NWS/NMC WASHINGTON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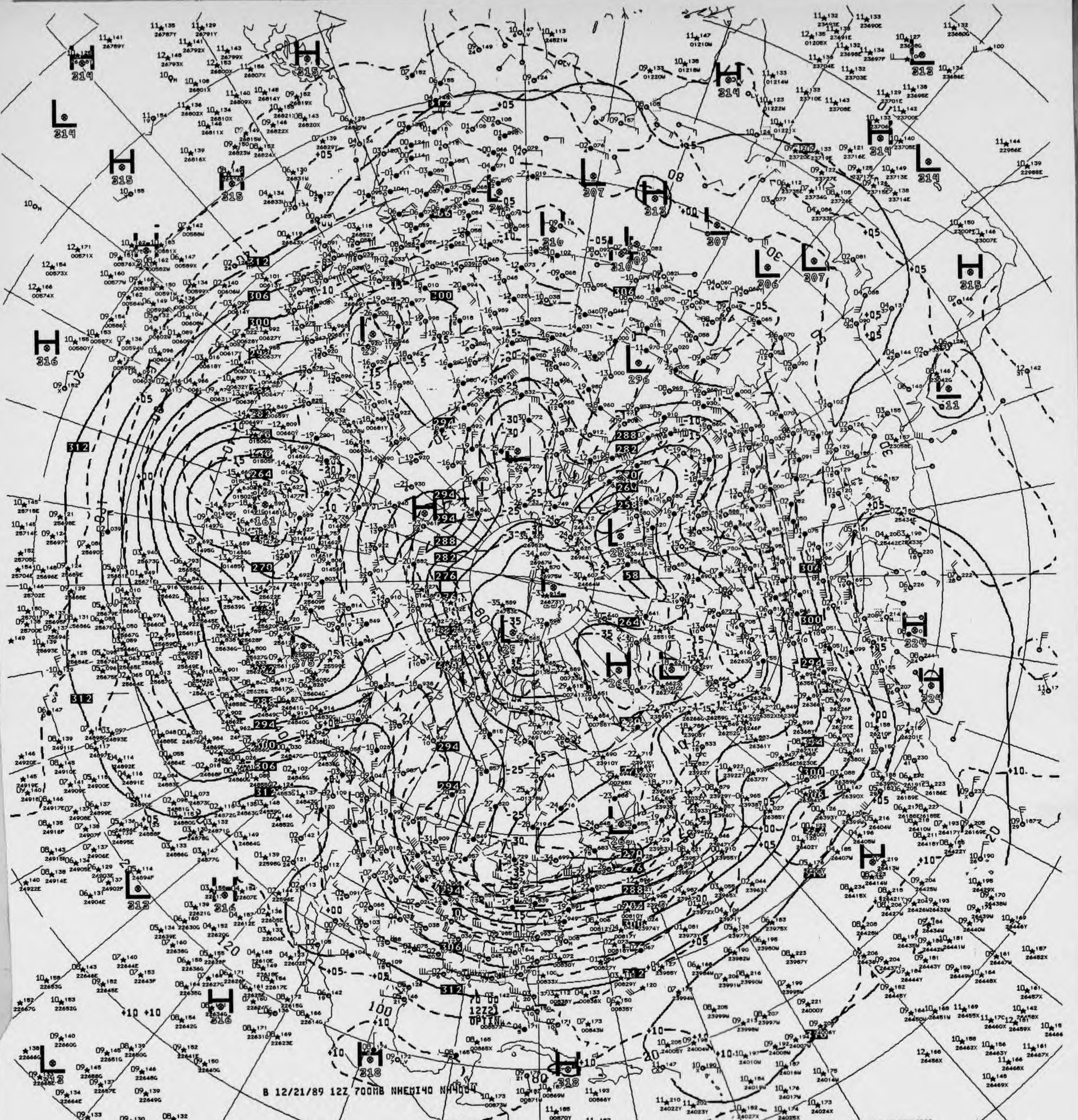
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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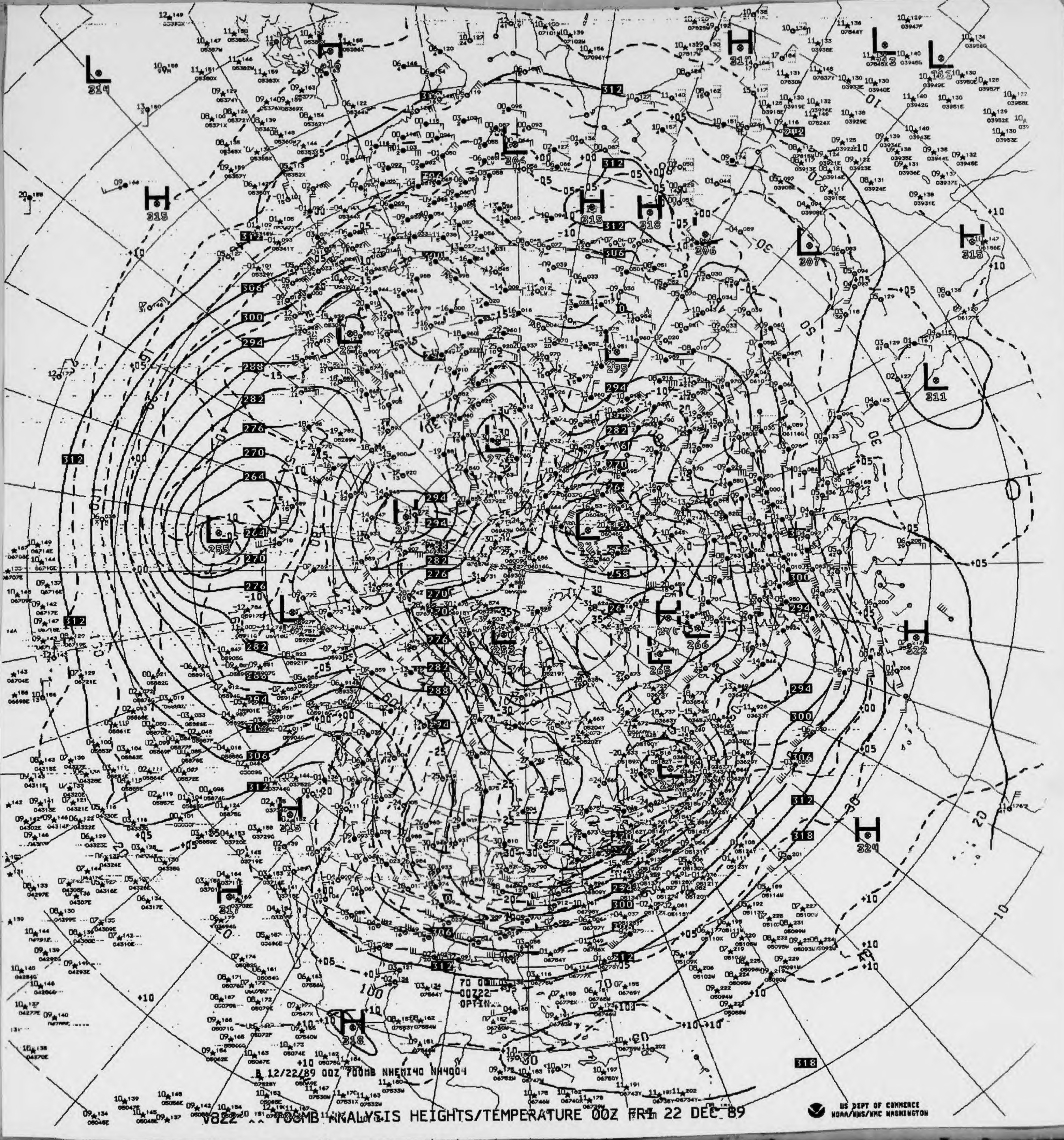
NOAA/NWS/NMC WASHINGTON



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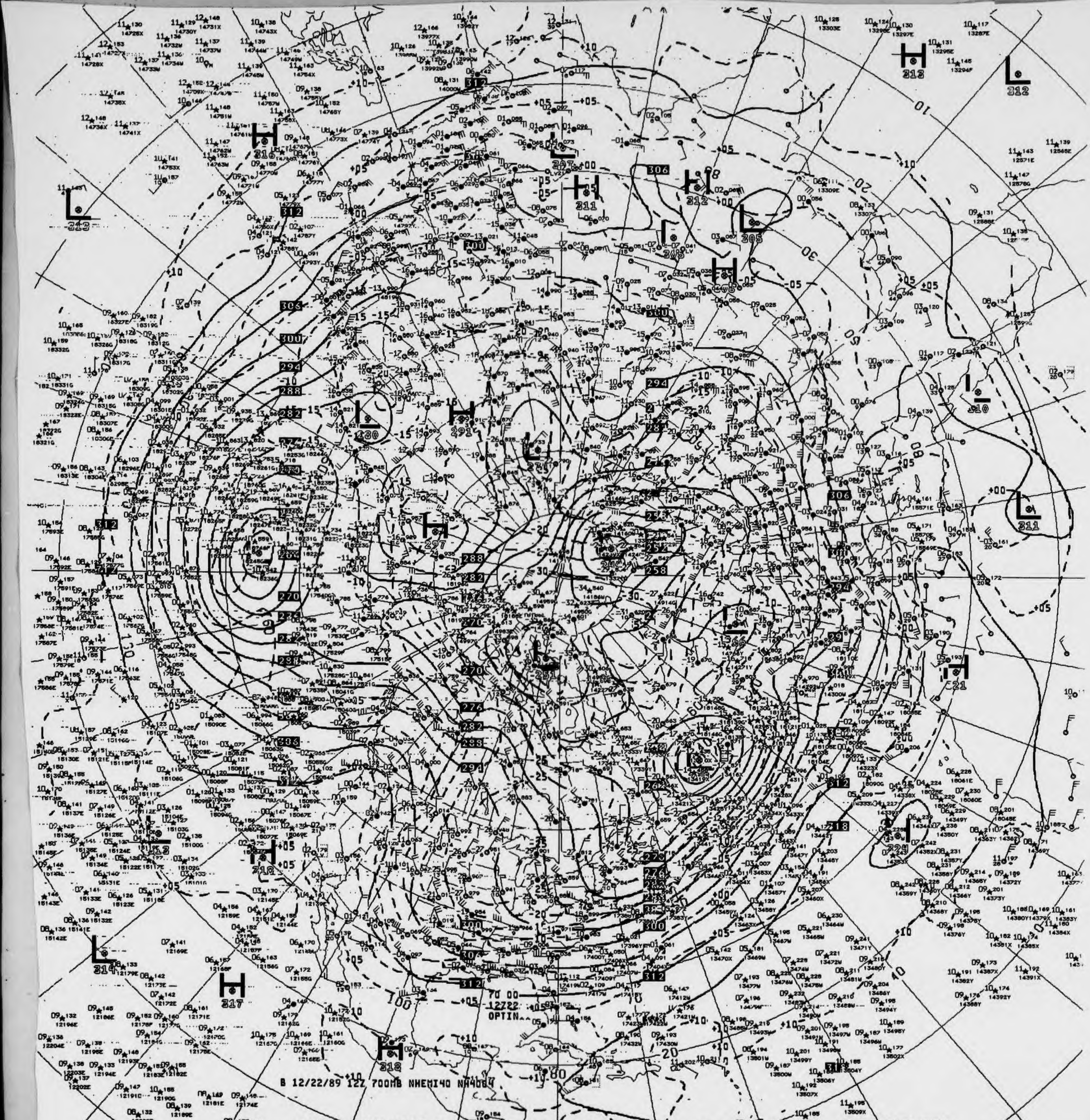
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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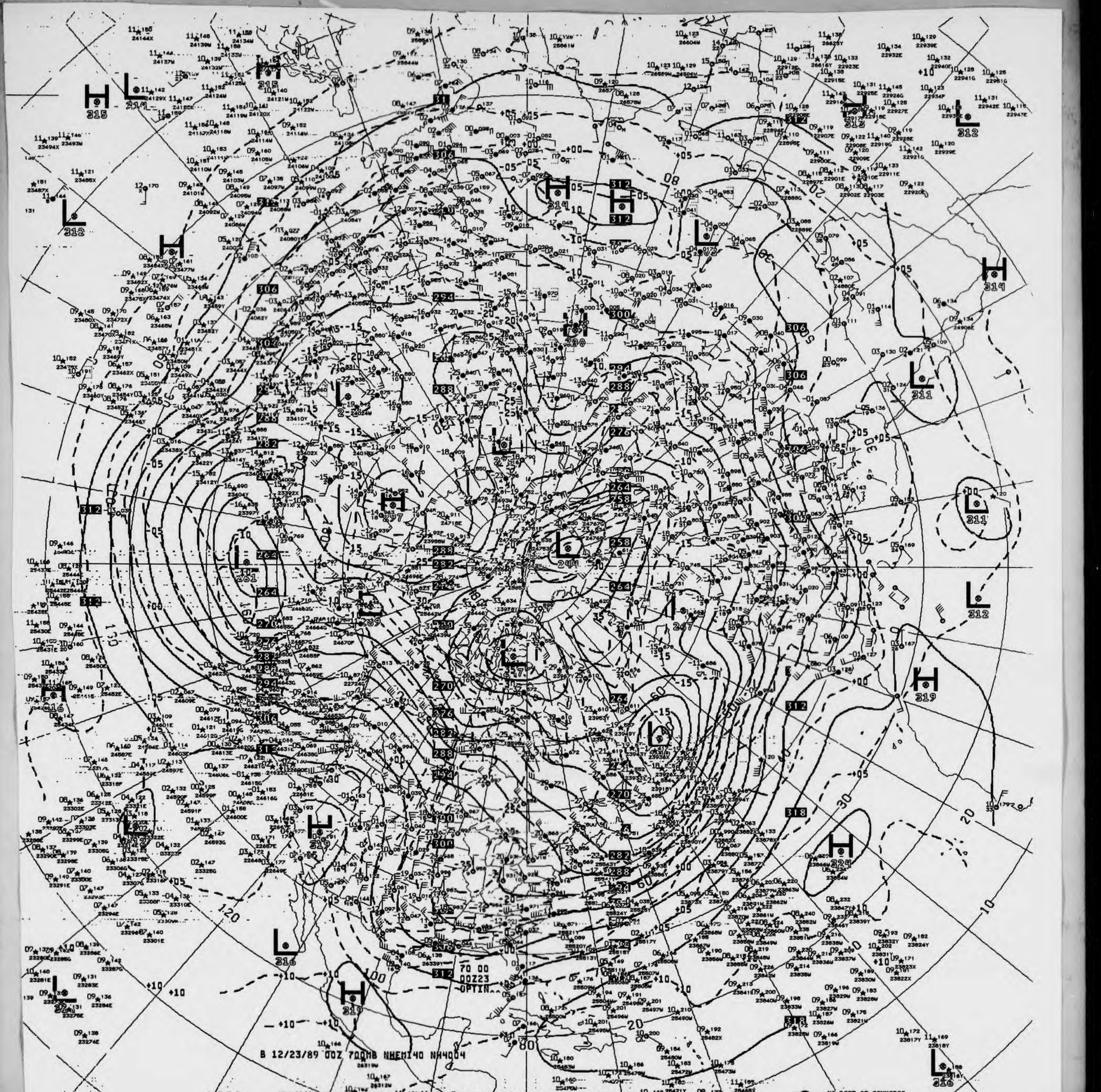
222 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 22 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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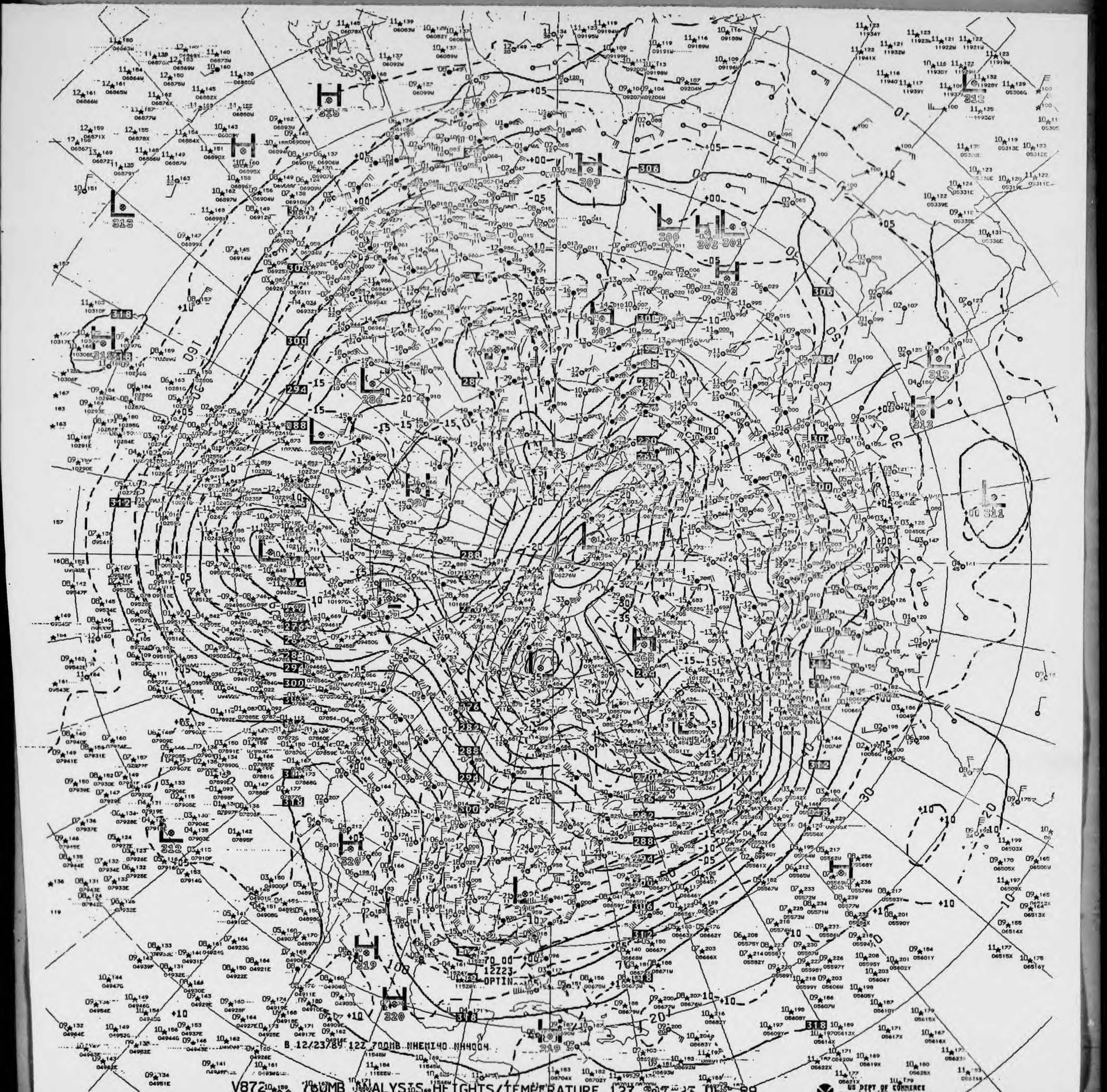
NOAA/NWS/NMC WASHINGTON



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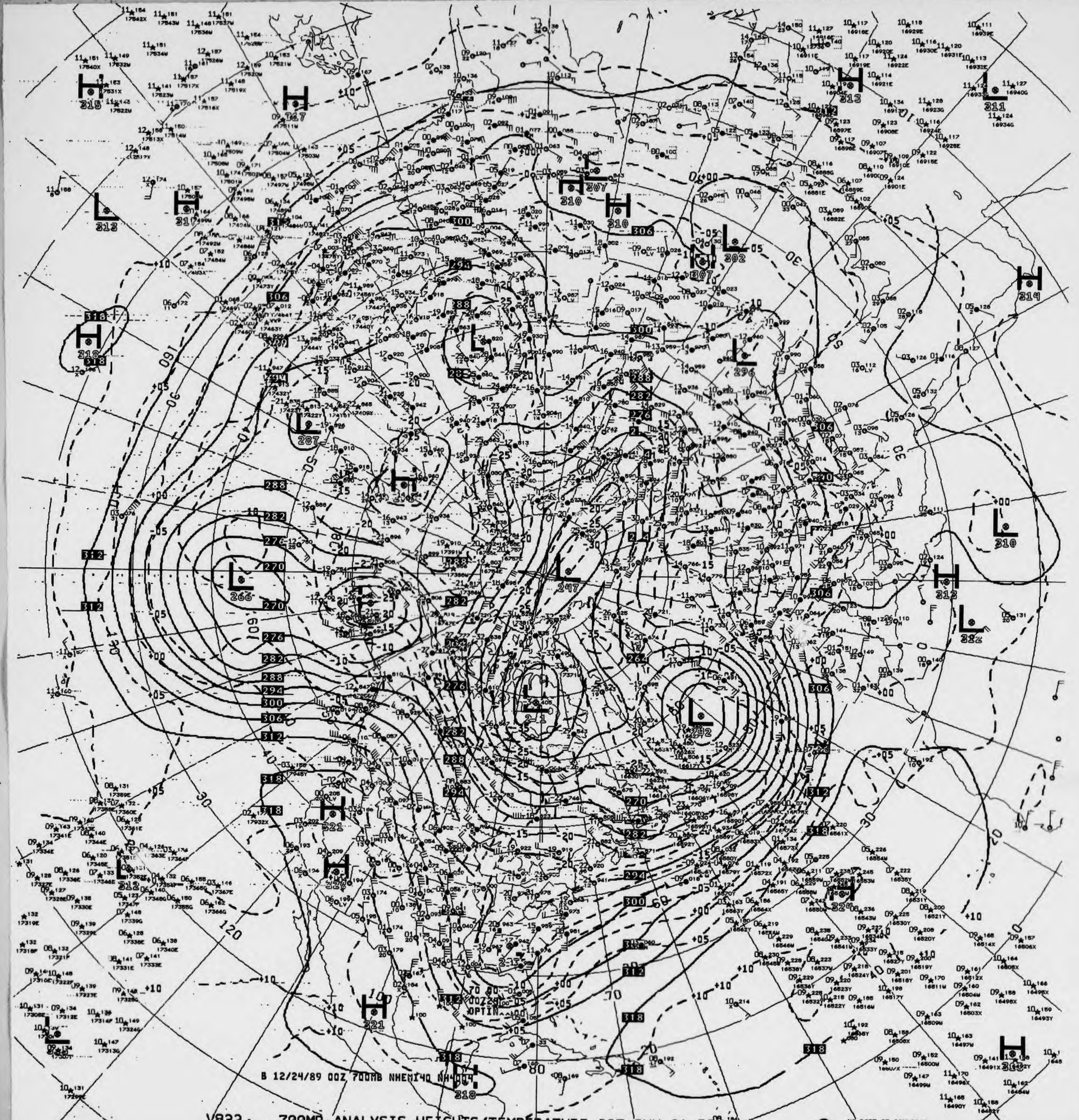
NOAA/NWS/NMC WASHINGTON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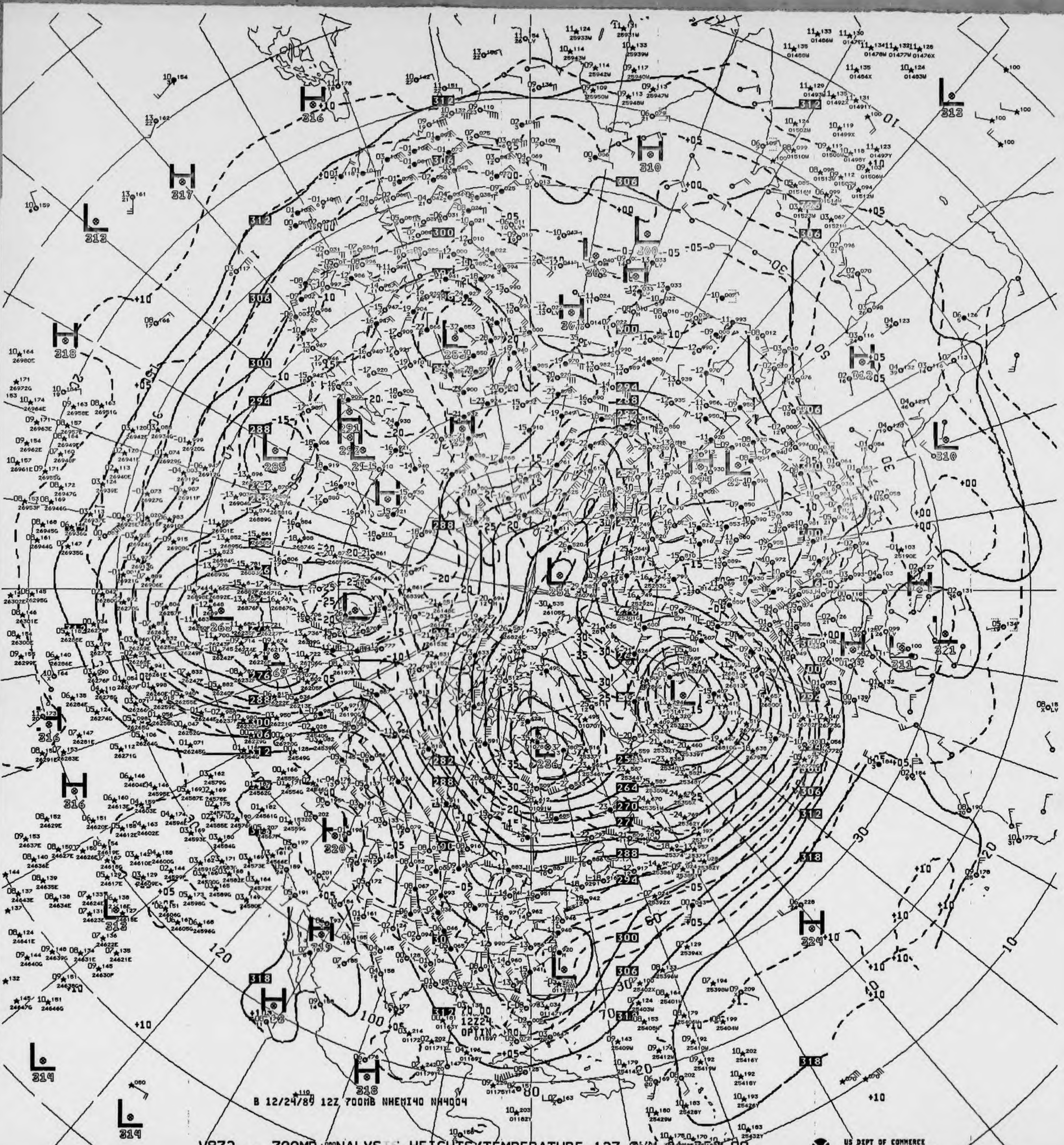
V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE-00Z SUN 24 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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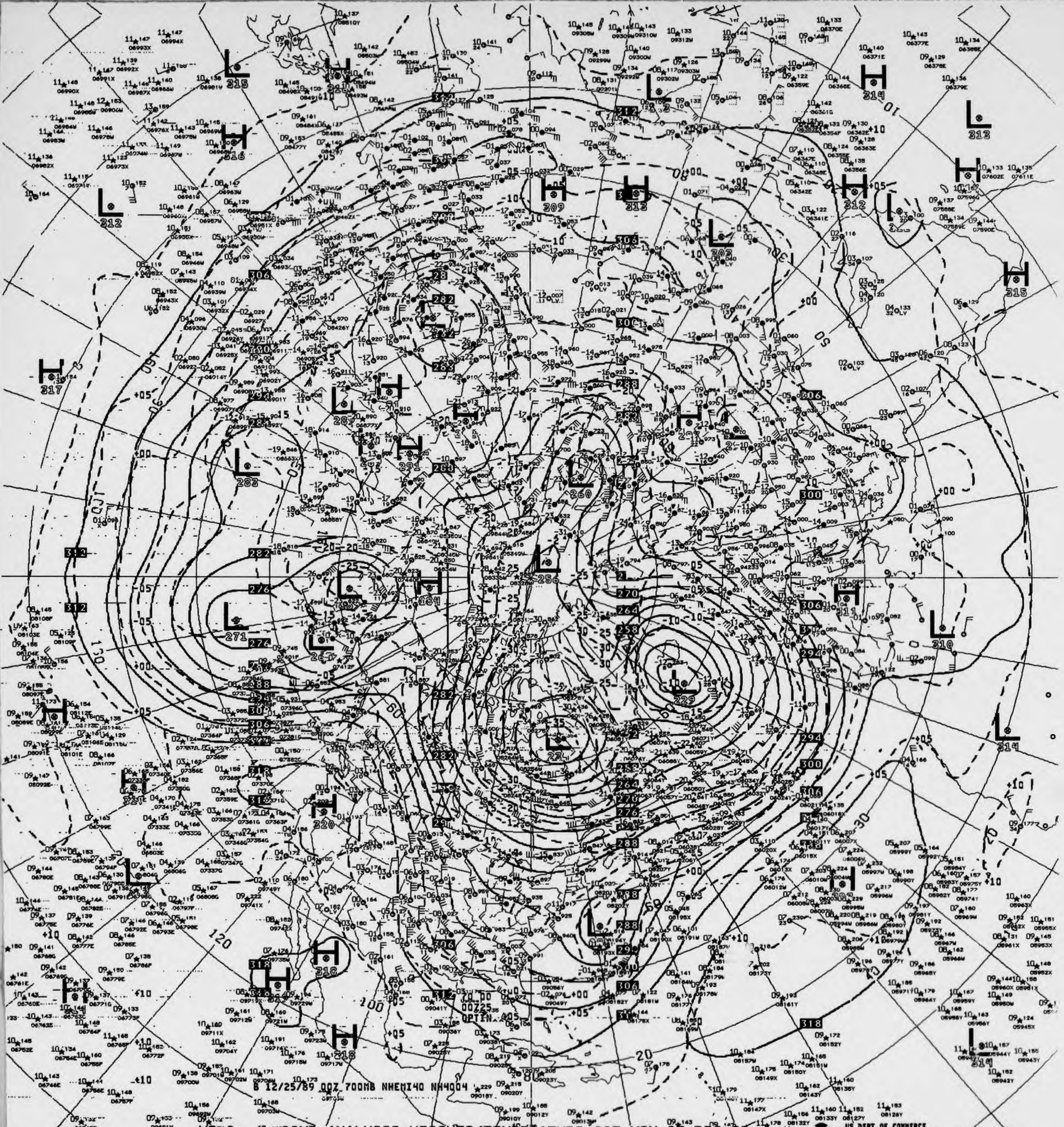
V872 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 24 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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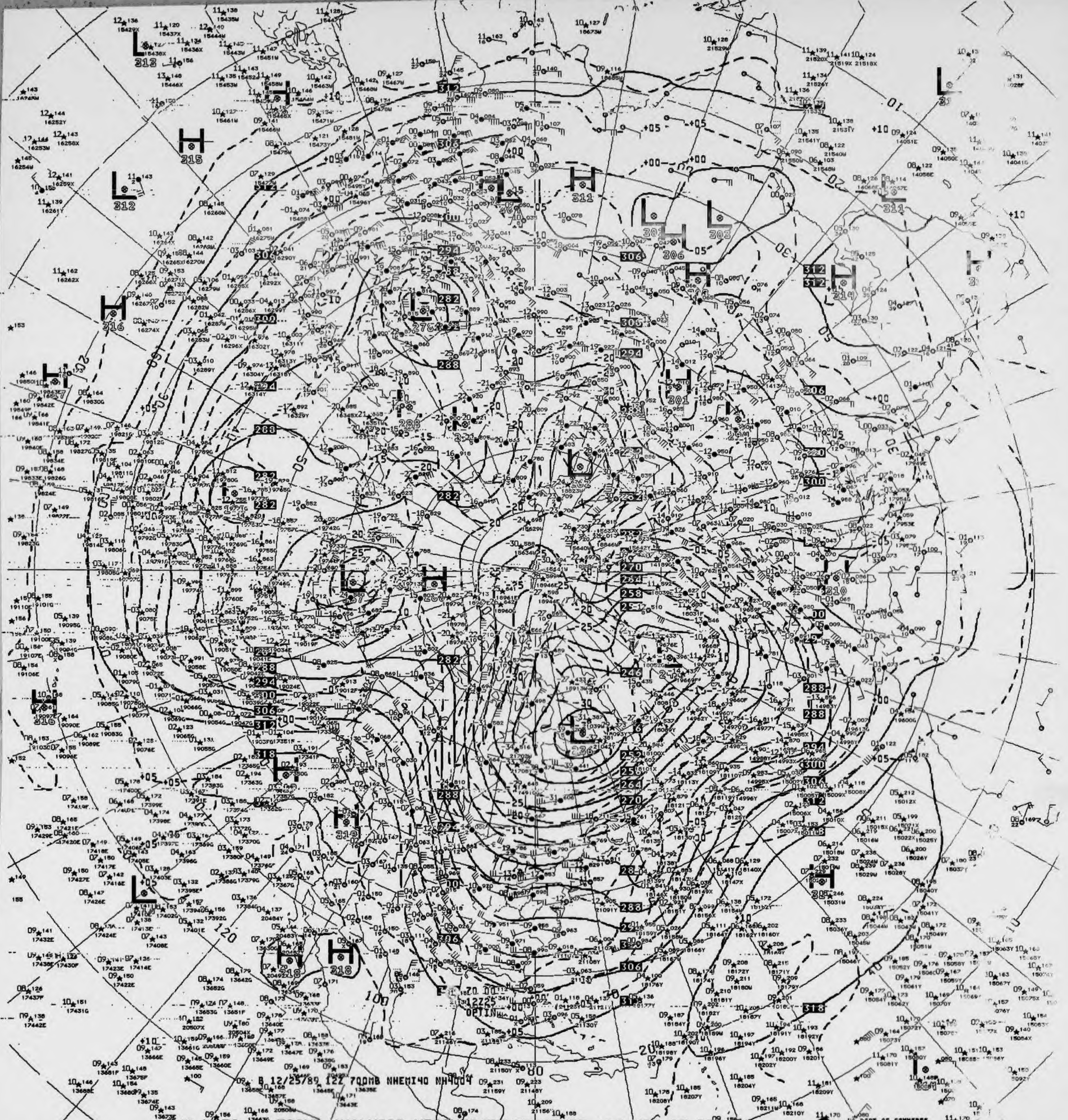
V822 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 25 DEC 89 US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON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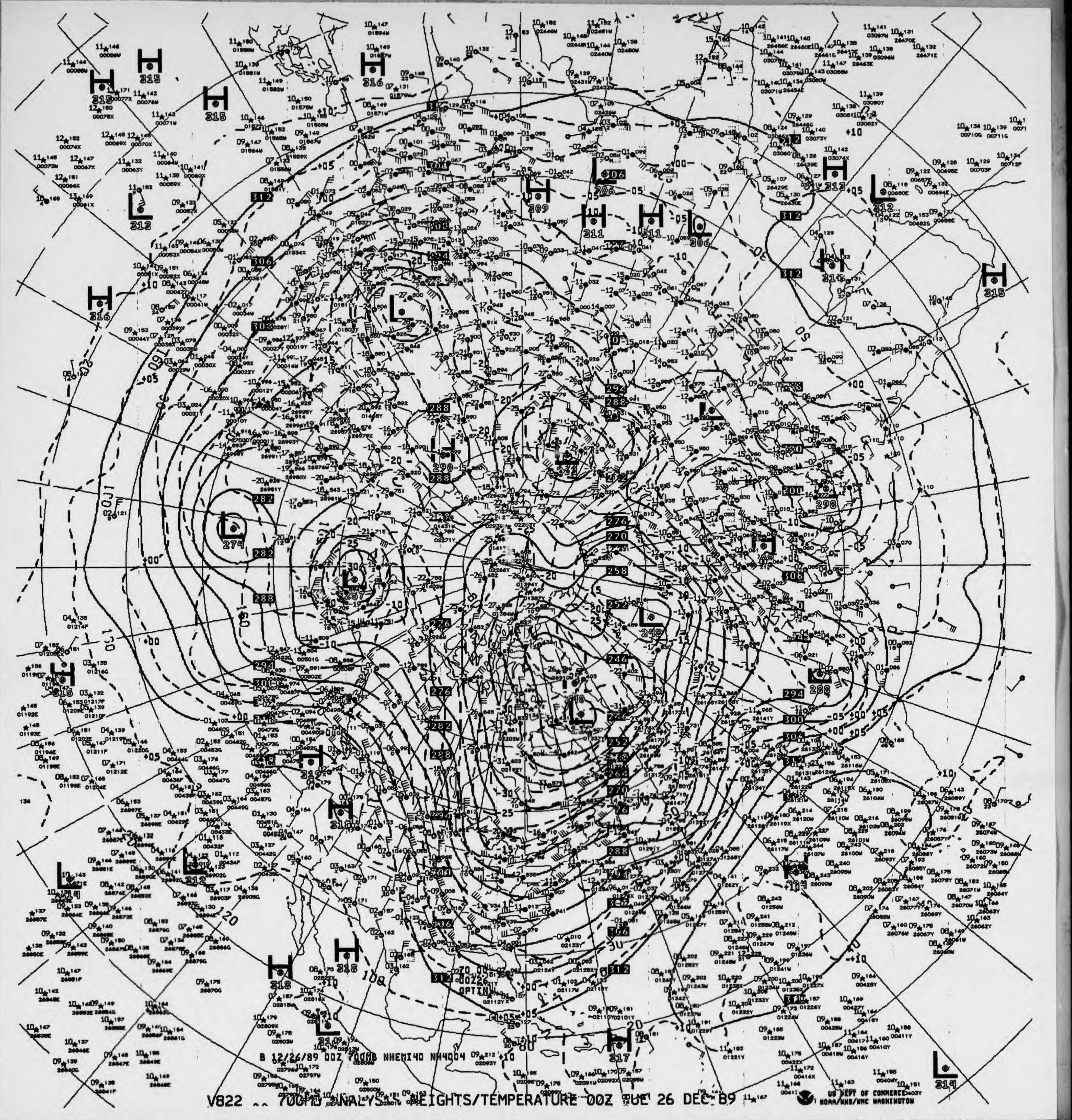
U.S. DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V872 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 25 DEC 89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OPTINUL
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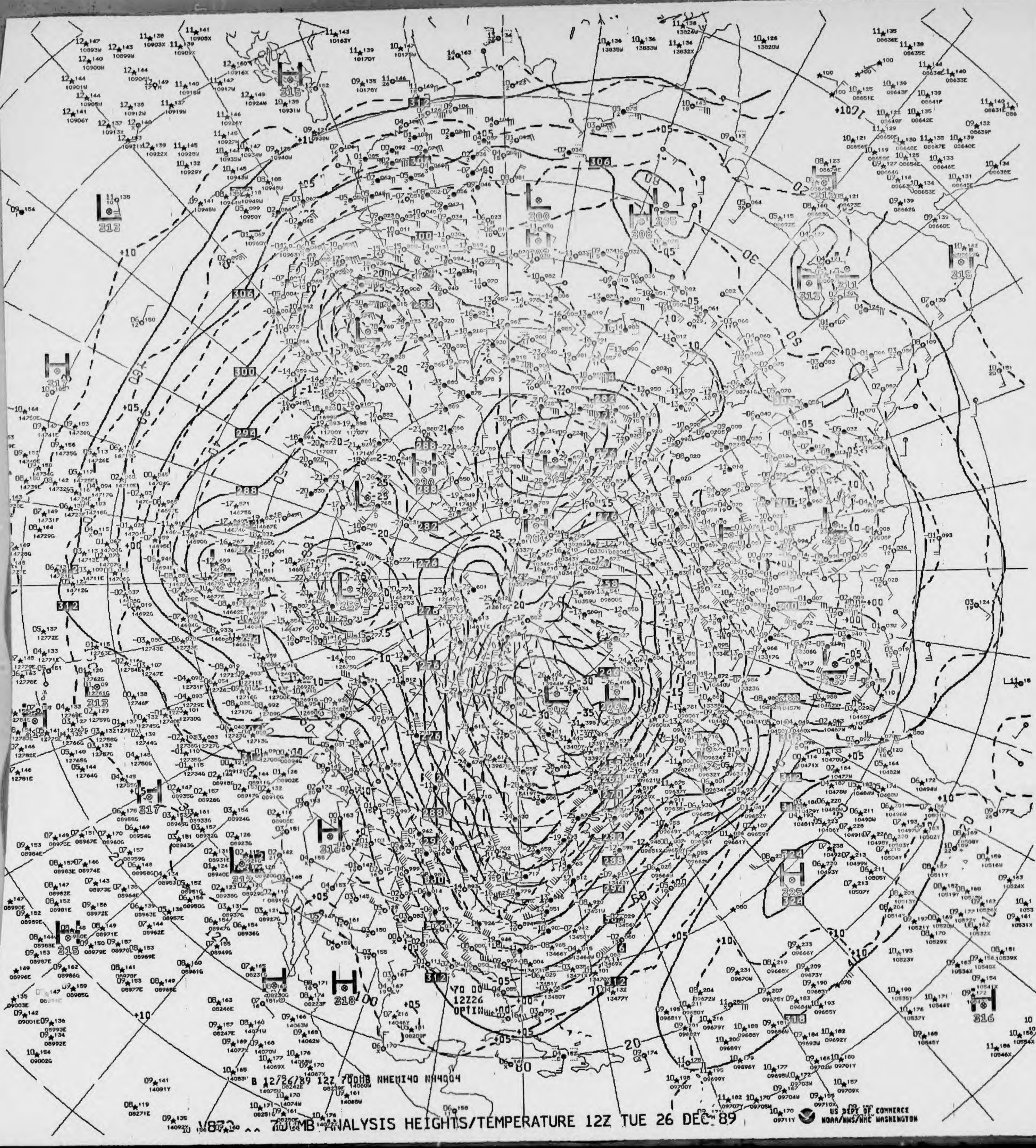
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V822 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 26 DEC 89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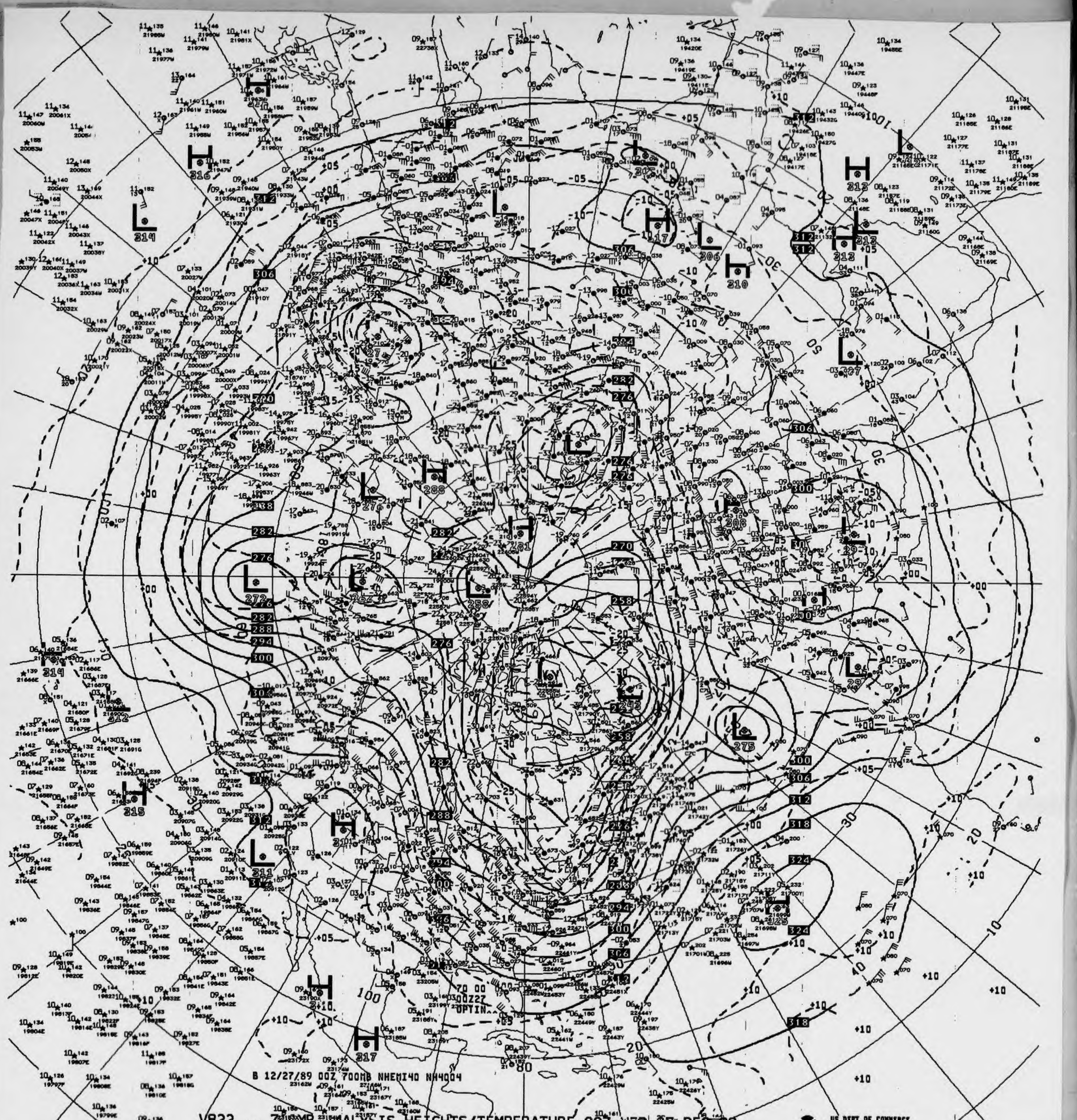
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V873 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 26 DEC 89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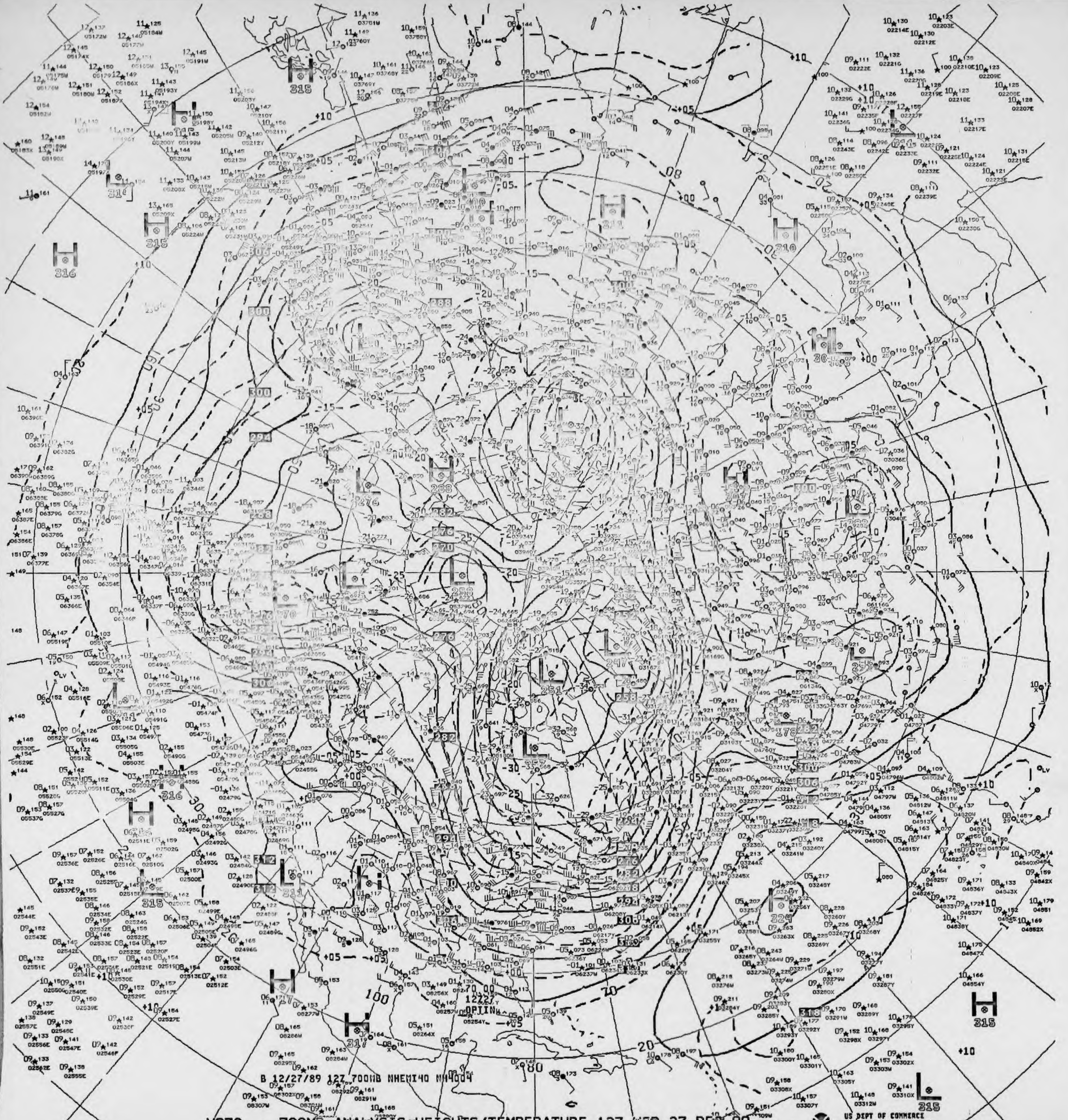
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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318
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+10
+05
+00
-05
-10
-15
-20
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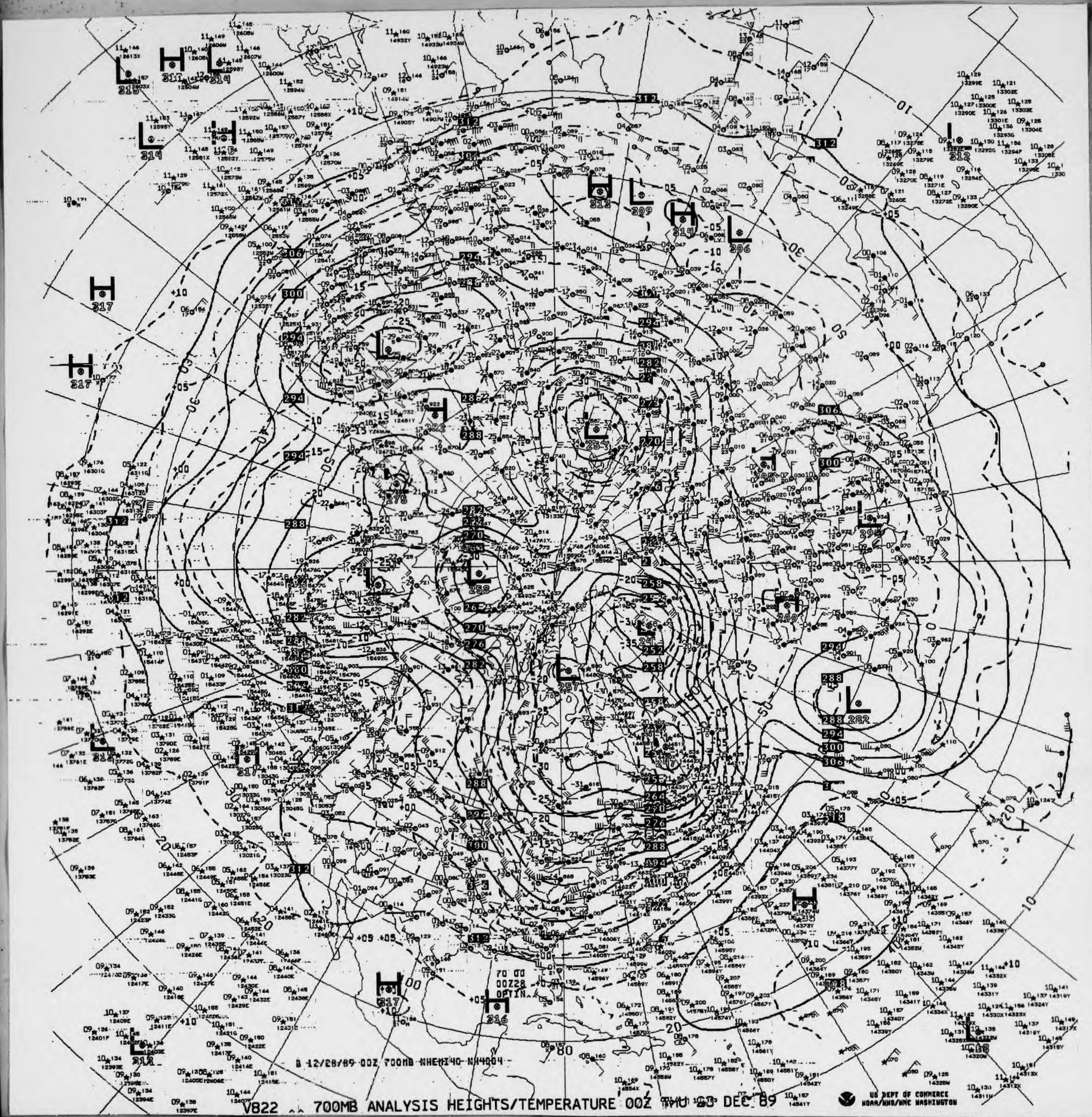
V872 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 27 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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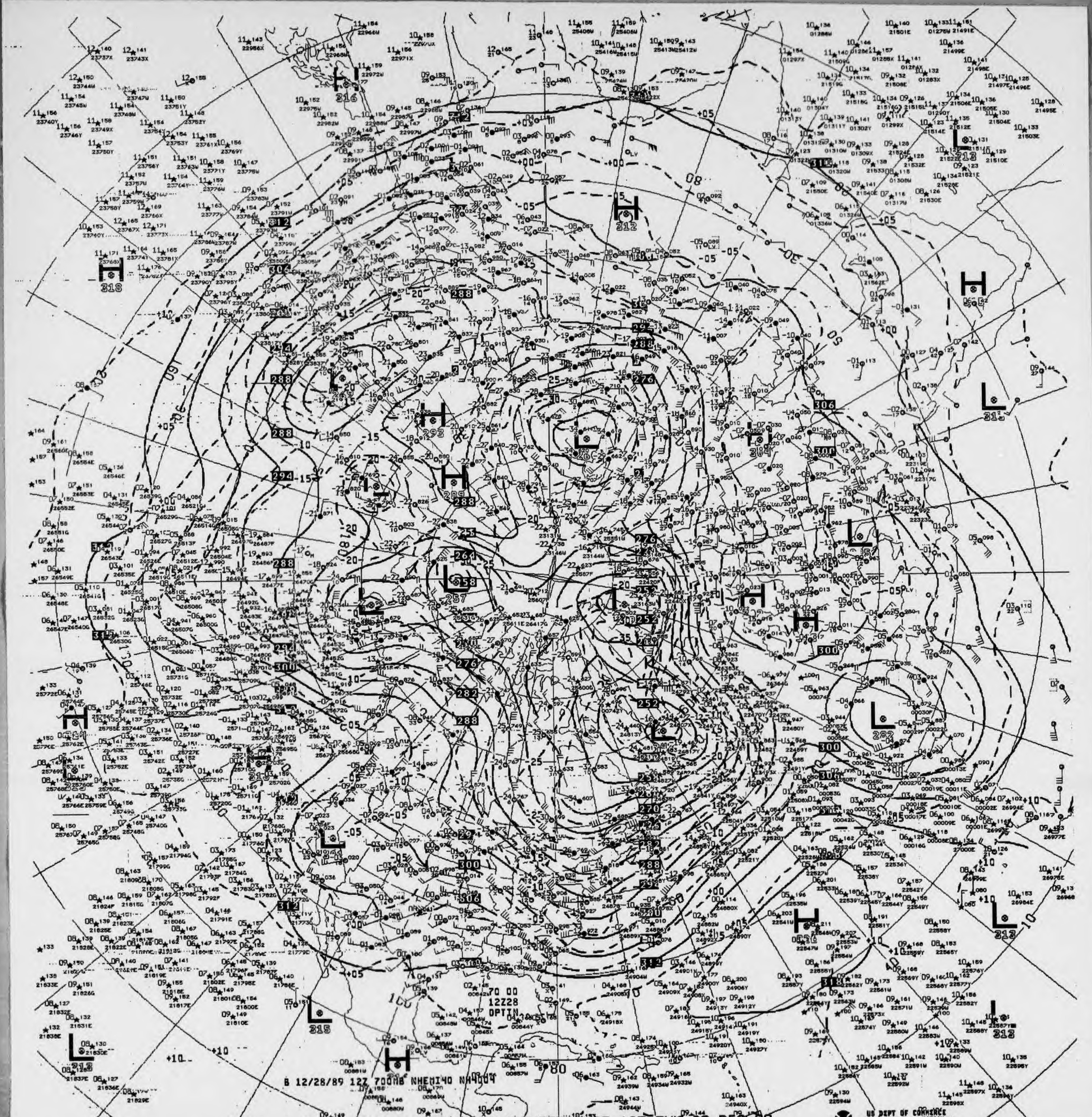
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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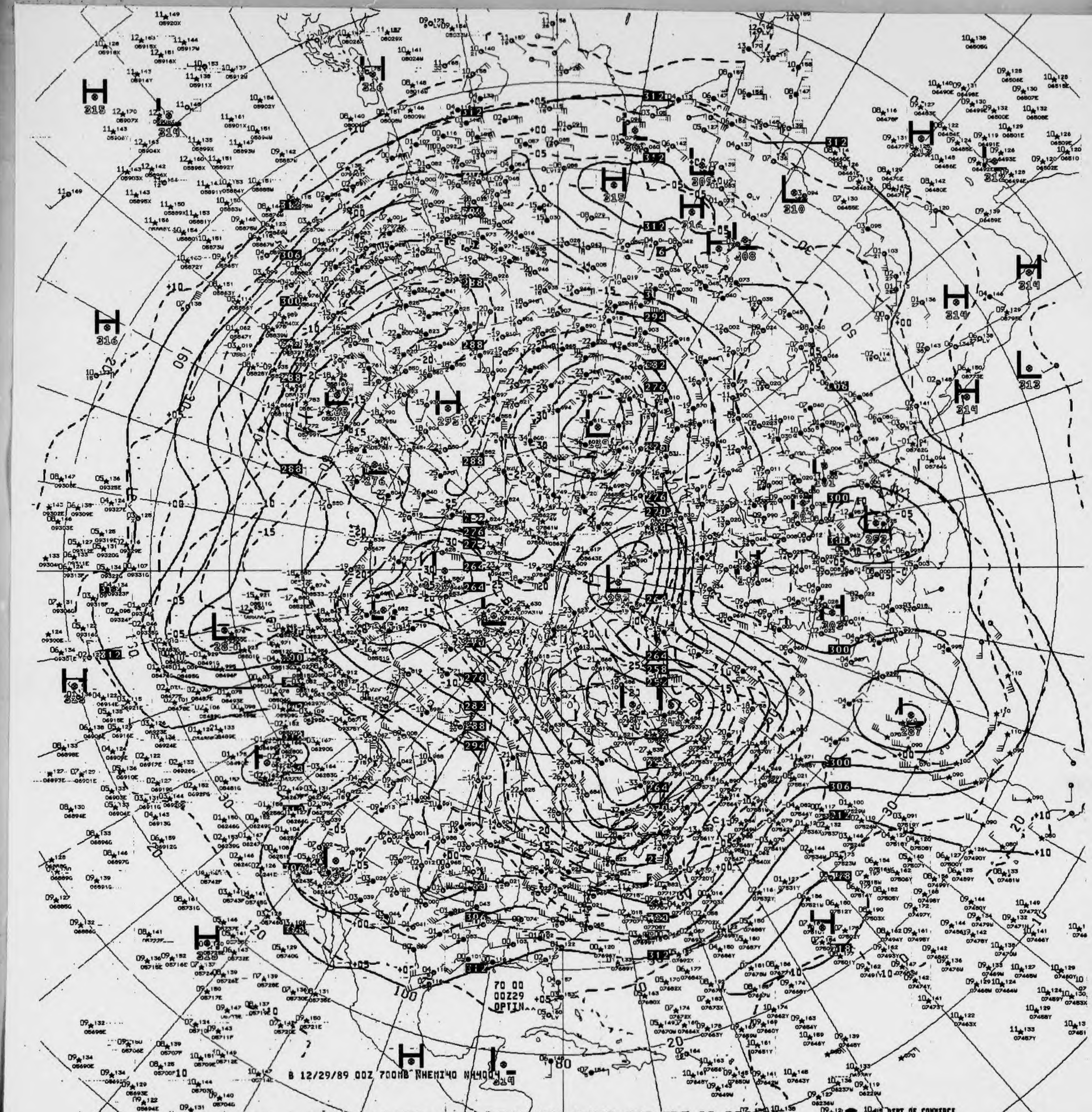
V872 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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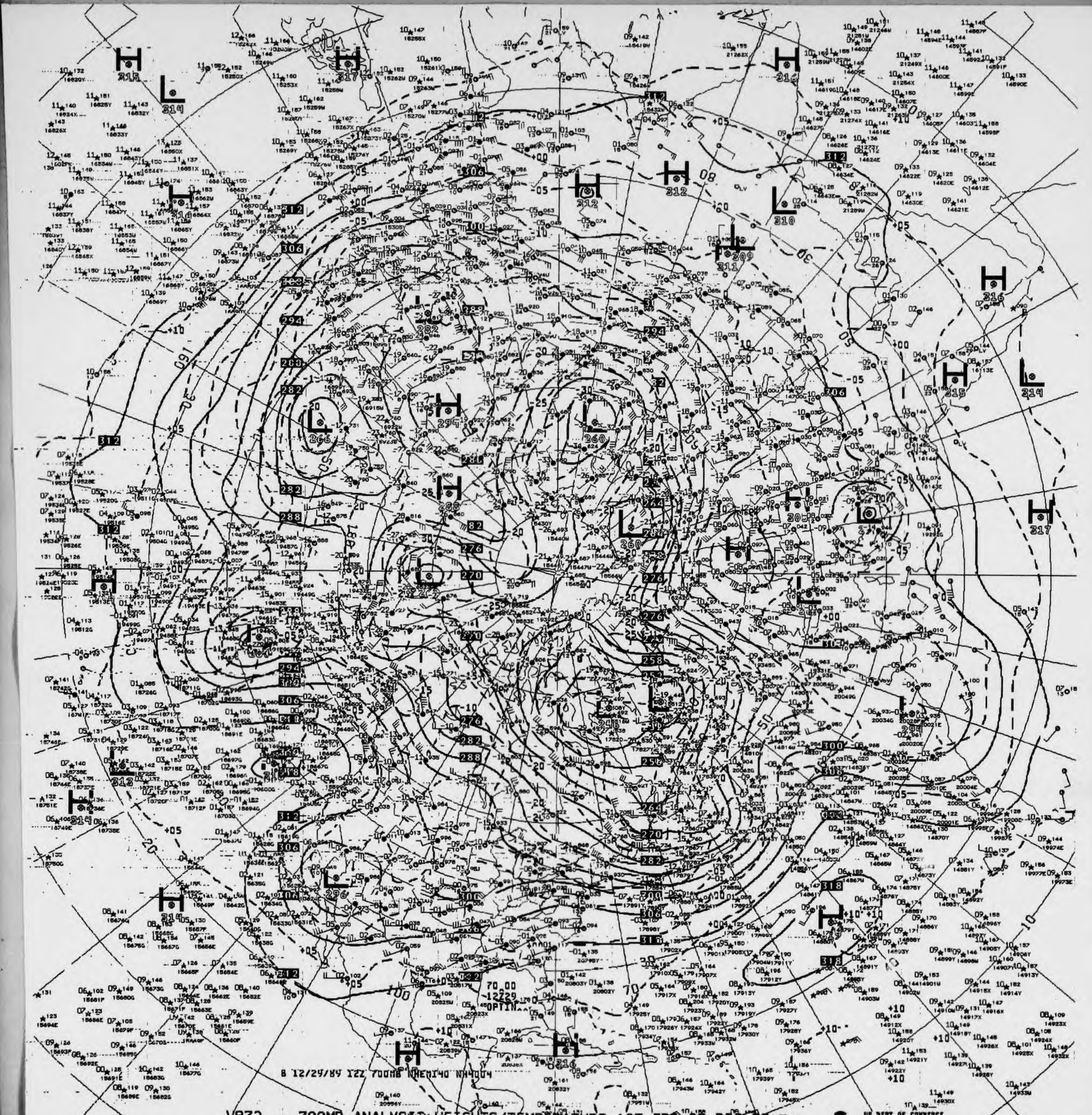
NOAA/NWS/NMC WASHINGTON



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US DEPT OF COMMERCE
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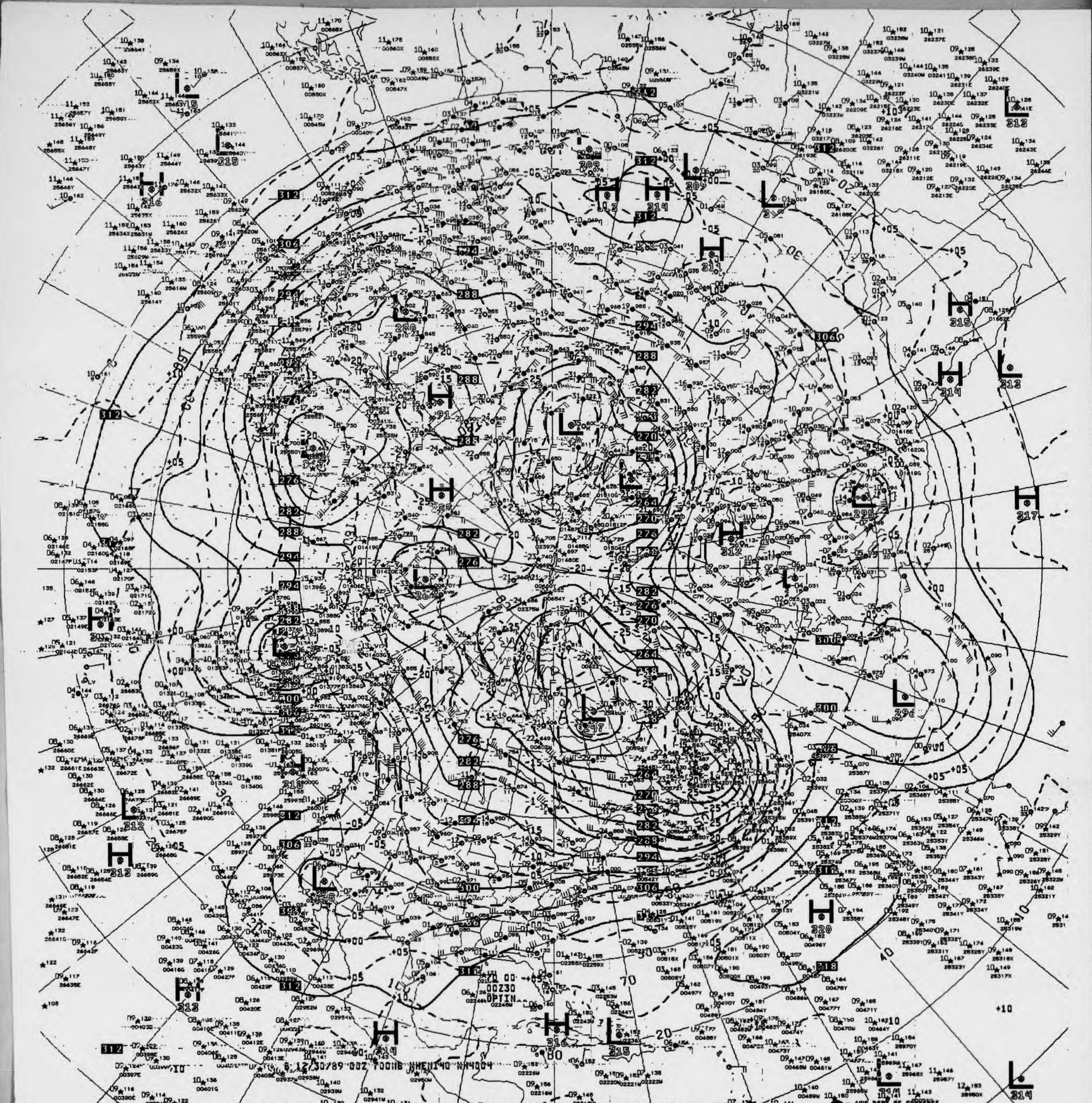
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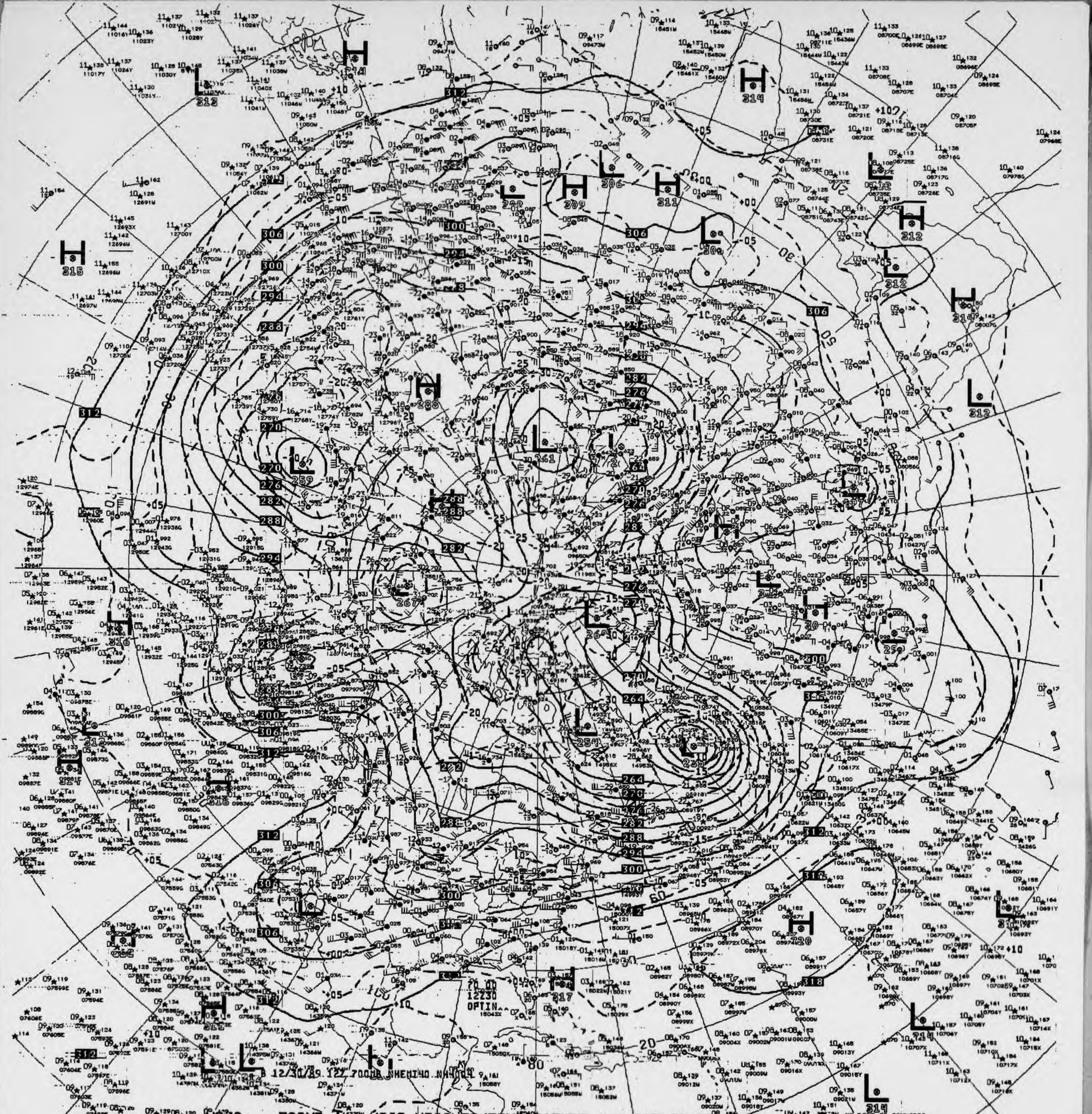
V822 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 30 DEC 89

1989 DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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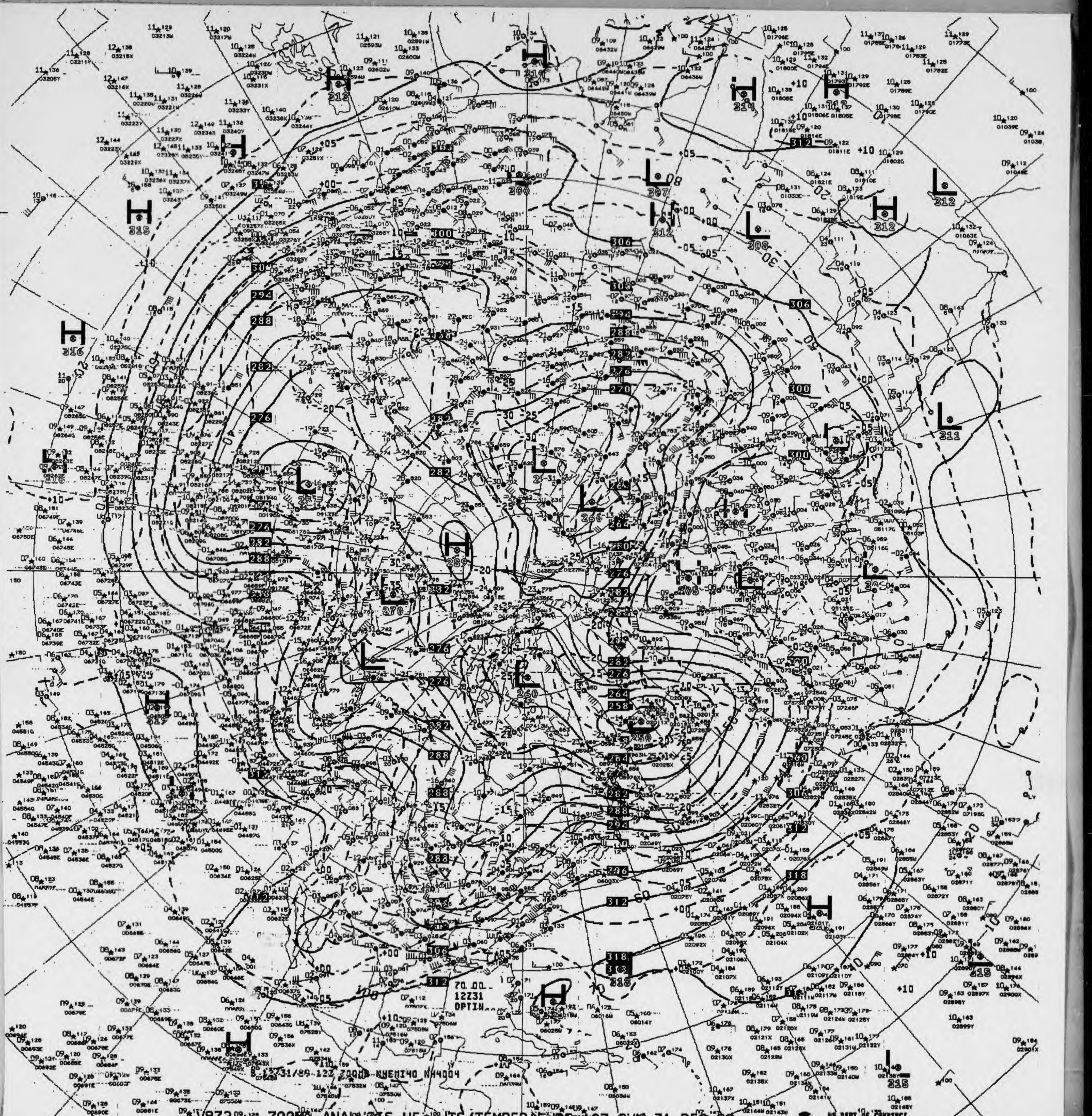
V872 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



12/31/89 12Z 700MB NYEMI40 NH4004
70.00
12231
OPTIN

V872 700MB ANAL 31S HEIGHTS/TEMPERATURE 12Z SUN 31 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

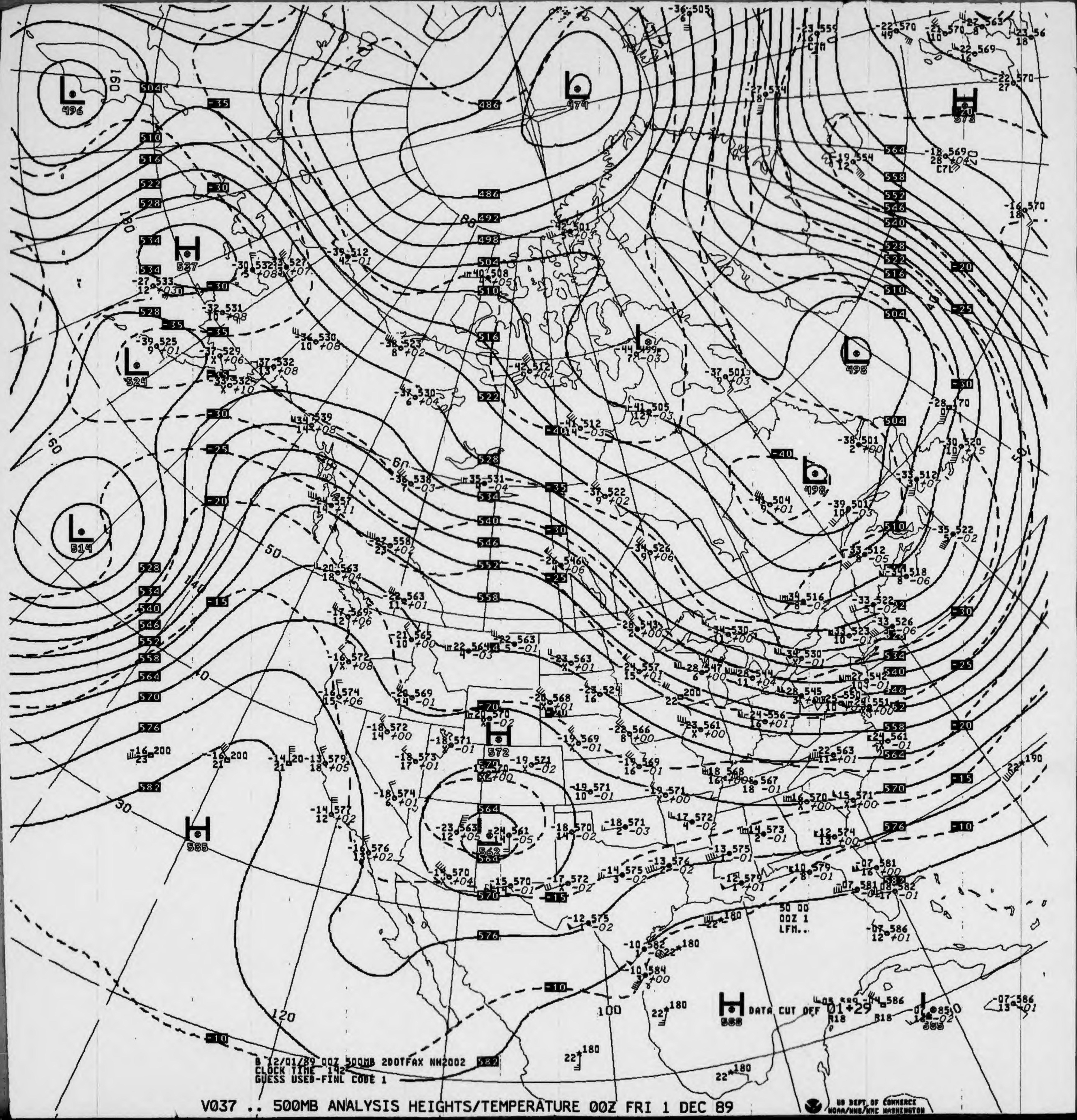
NOAA Form 48 - 362A
(Rev. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

500 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING


L 496
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L 524
L 514
L 499
L 498
L 498
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H 572
H 585
H 588
H 578
L 562
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540
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552
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570
576
582
486
492
498
-35
-30
-25
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-15
-10
-40
180
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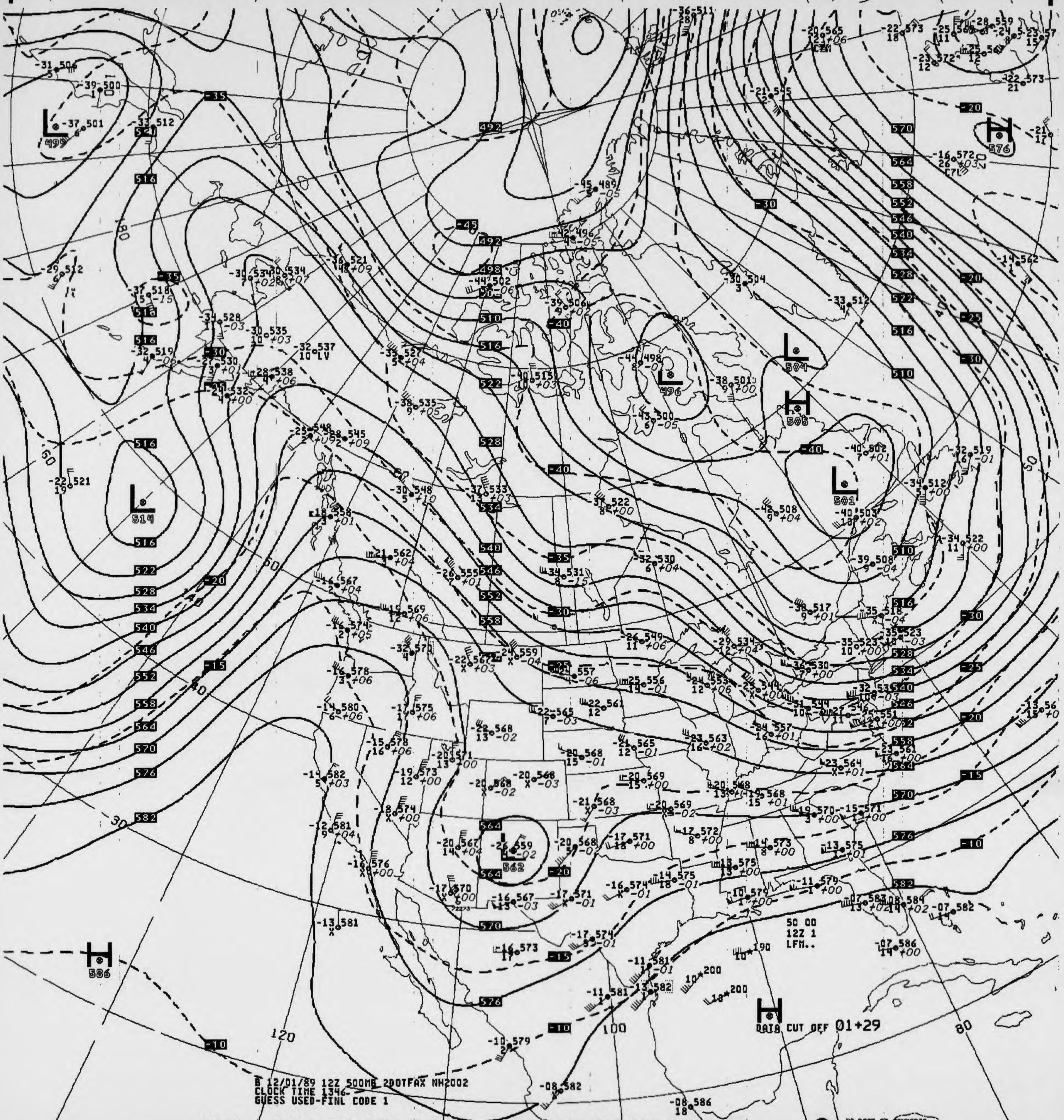
00Z 1
LFM..
DATA CUT OFF 01+29
R18
B18
B 12/01/89 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 1 DEC 89

500MB

569

ID 72273
LAT/LONG 31N110W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-40
-45
L 499
L 519
L 496
L 504
L 501
L 562
H 505
H 576
H 586
H
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80
60
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40
30
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LFM..

B 12/01/89 12Z 500MB 200TFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1

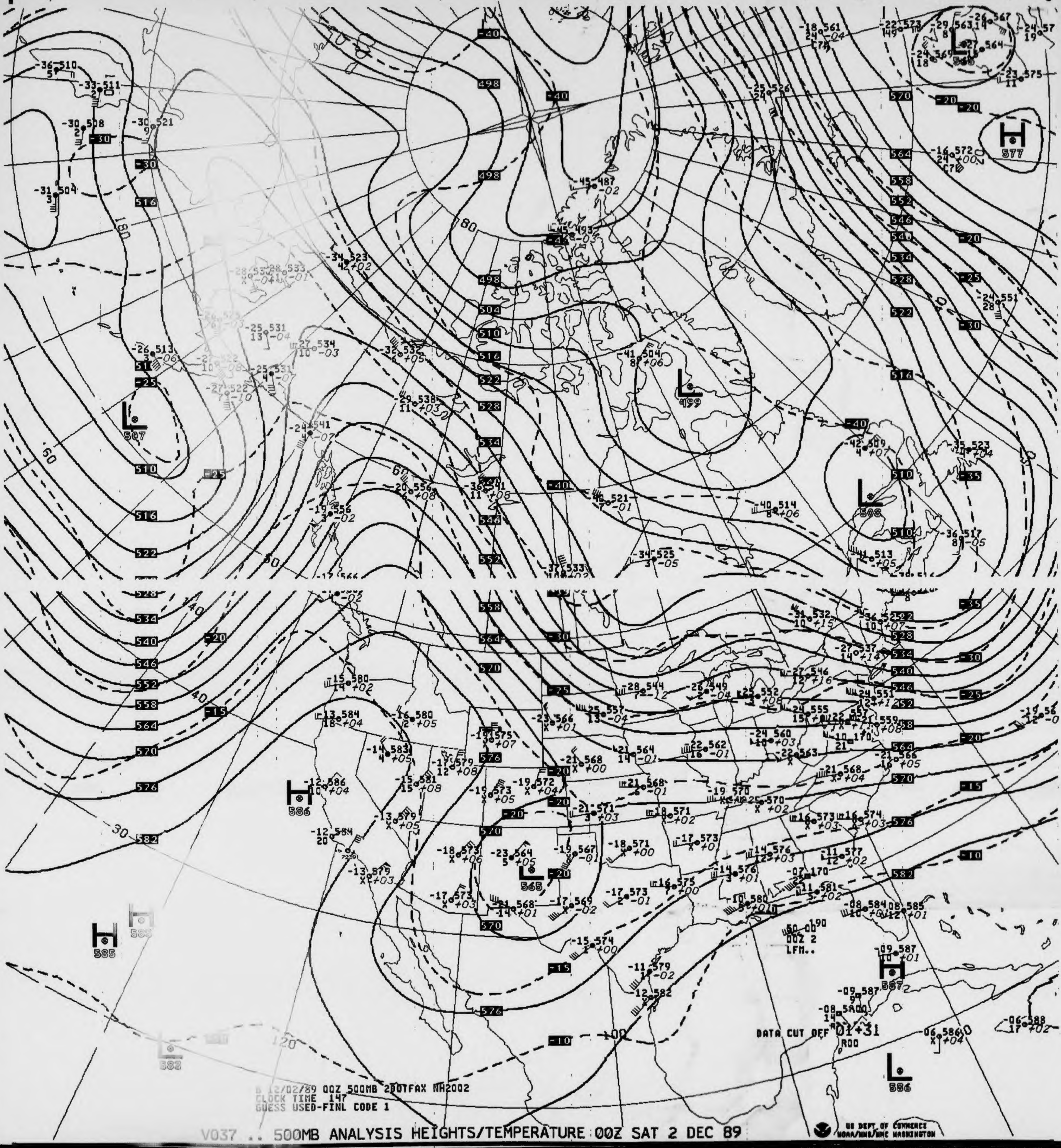
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 1 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

500MB

-12 583

ID 72391
LAT/LONG 34N119W



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CLOCK TIME 147
GUESS USED-FINL CODE 1
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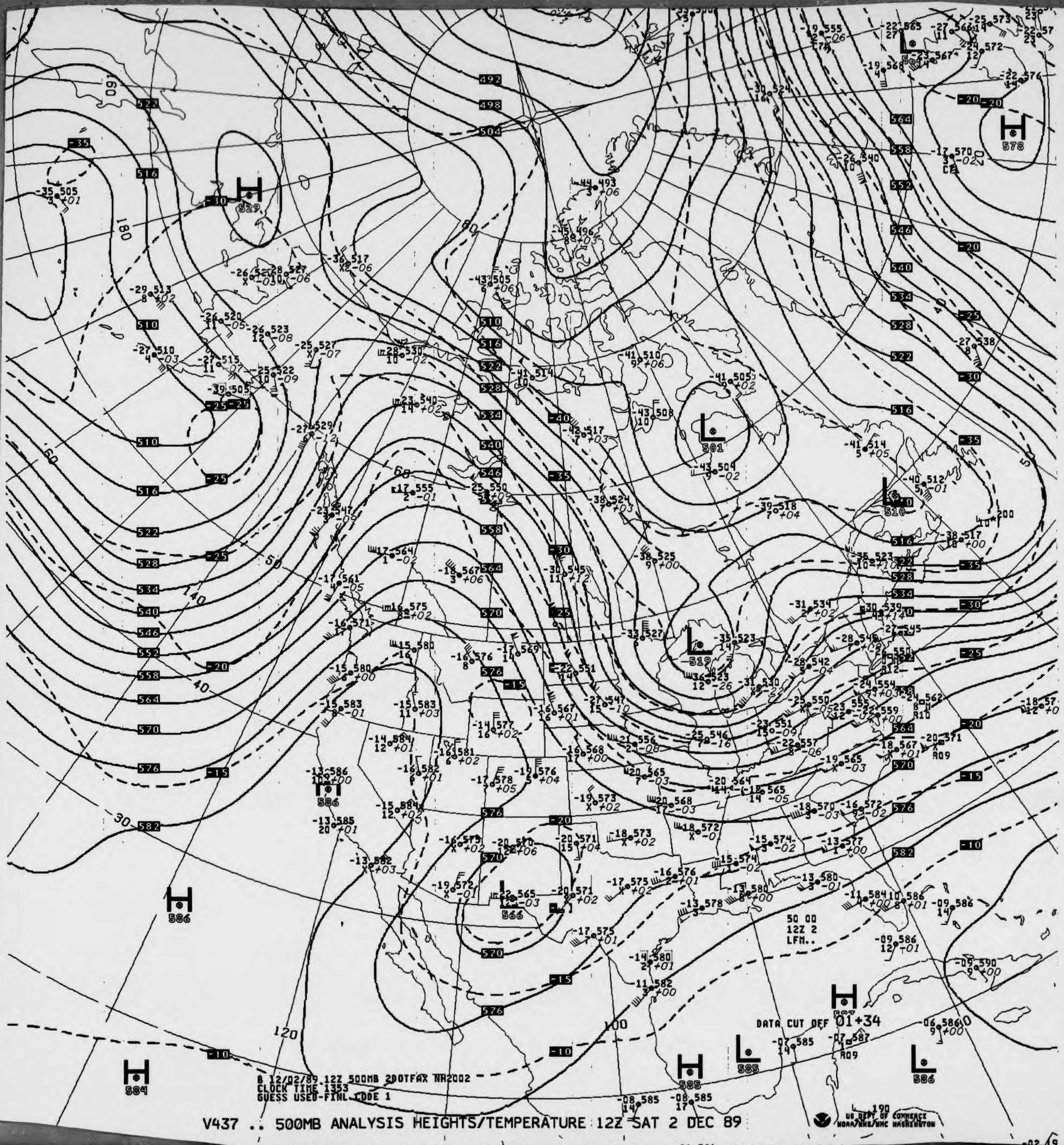
LFM..

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 2 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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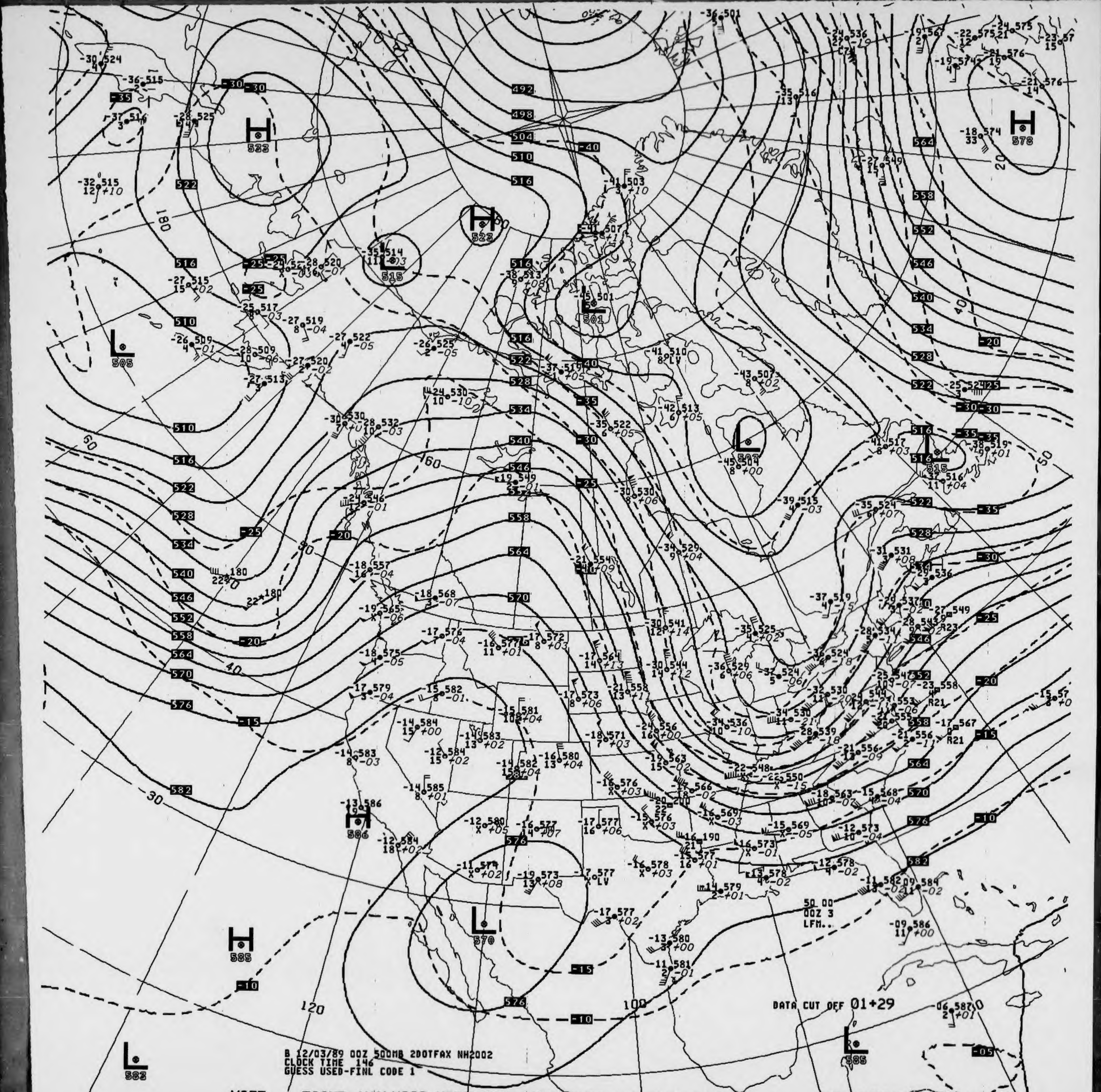
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 2 DEC 89



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L 501
L 507
L 505
H 578
L 515
H 586
H 585
L 570
L 582
L 585
492
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-30
-25
-20
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-05
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60
50
40
30
20
50 00
00Z 3
LFM..
DATA CUT OFF 01+29
B 12/03/89 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 146
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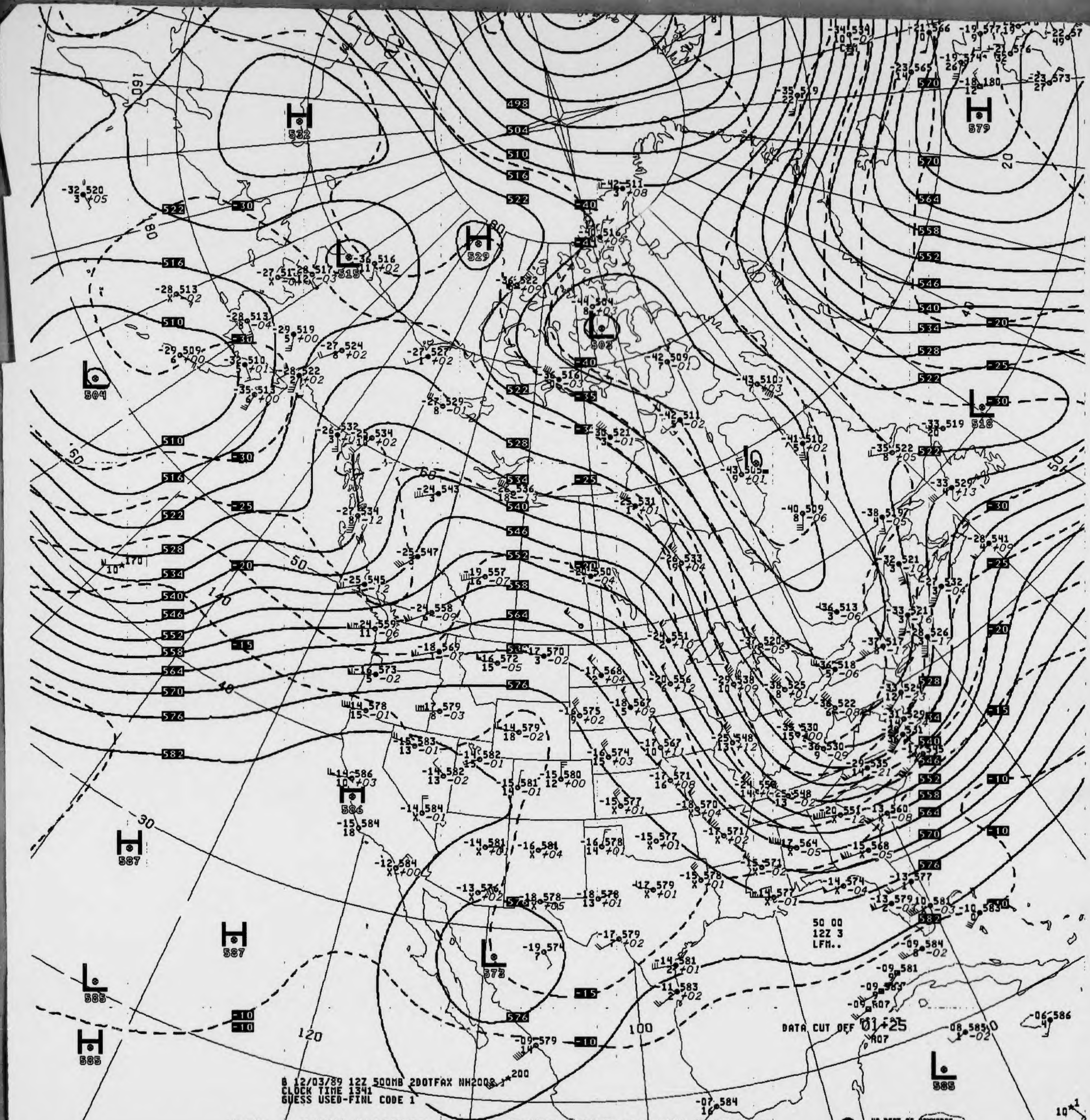
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 3 DEC 89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H 586
H 587
H 587
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-15
-10
160
180
50
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30
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120
110
100
200

B 12/03/89 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1341
GUESS USED-FINL CODE 1

50 00
12Z 3
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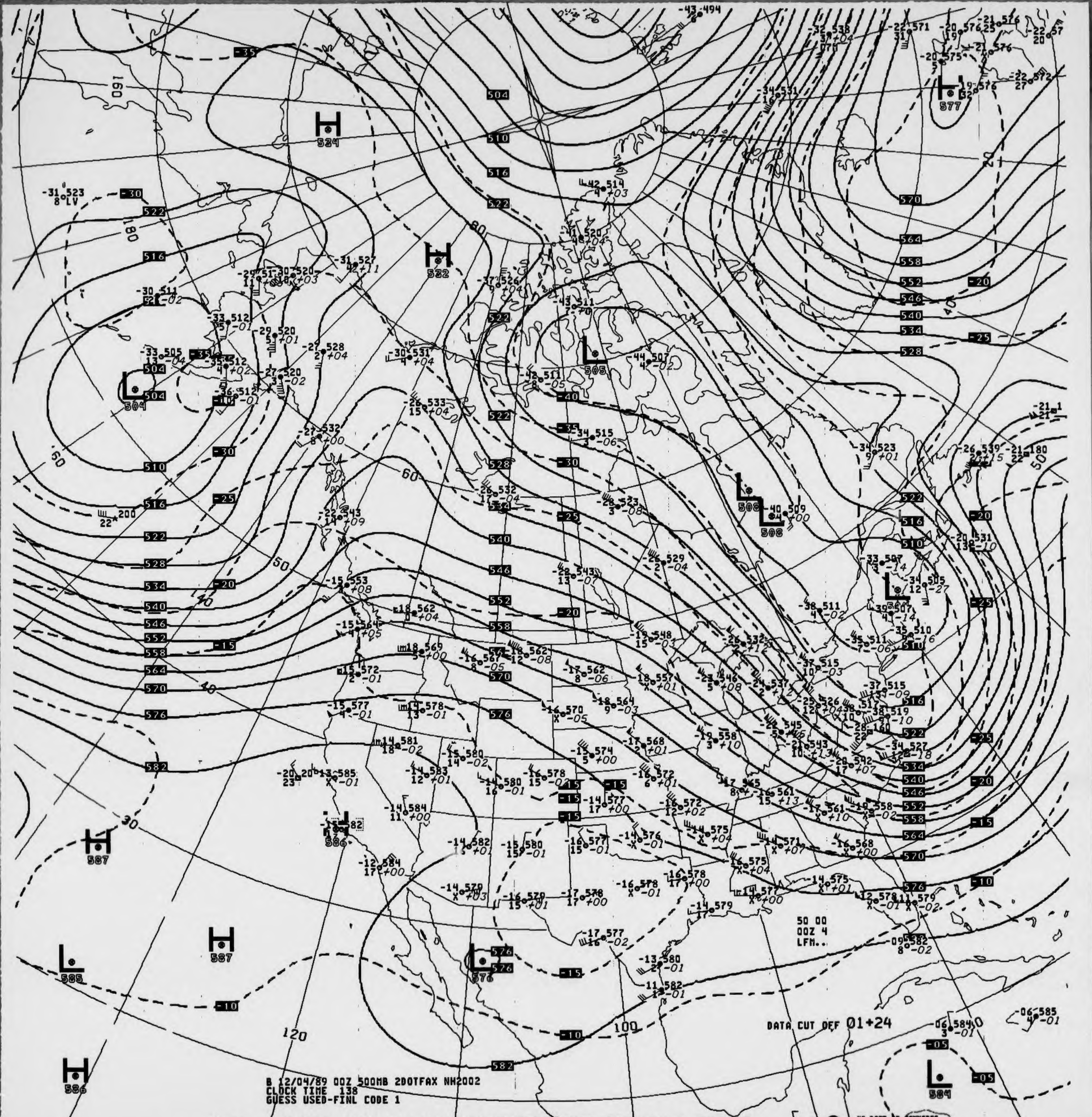
DATA CUT OFF 01+25

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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552
558
564
570
576
582
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-30
-25
-20
-15
-10
-05
H 534
H 532
L 504
L 505
L 508
L 508
L 577
H 587
H 586
H 587
L 585
H 586
L 576
L 584
160
180
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50
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140
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100
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00Z 4
LFM..
DATA CUT OFF 01+24
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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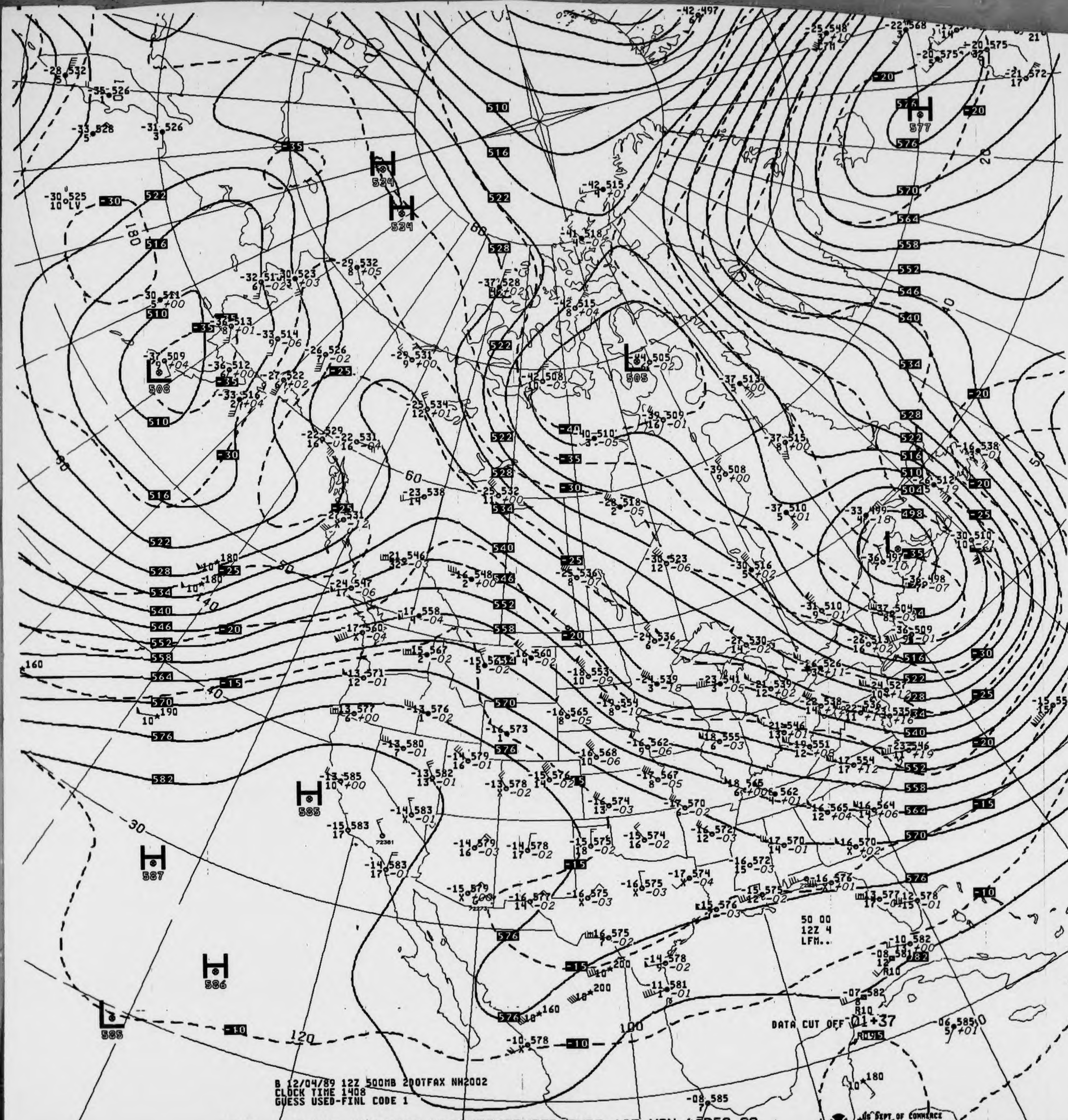
CLOCK TIME 138
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 4 DEC 89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-10
H 524
H 534
H 577
H 585
H 587
H 586
L 508
L 505
L 585
60
40
50
30
120
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180
140
50 00
12Z 4
LFM..
DATA CUT OFF 01+37

B 12/04/89 12Z 500MB 200TFAX NH2002
CLOCK TIME 1408
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

500MB

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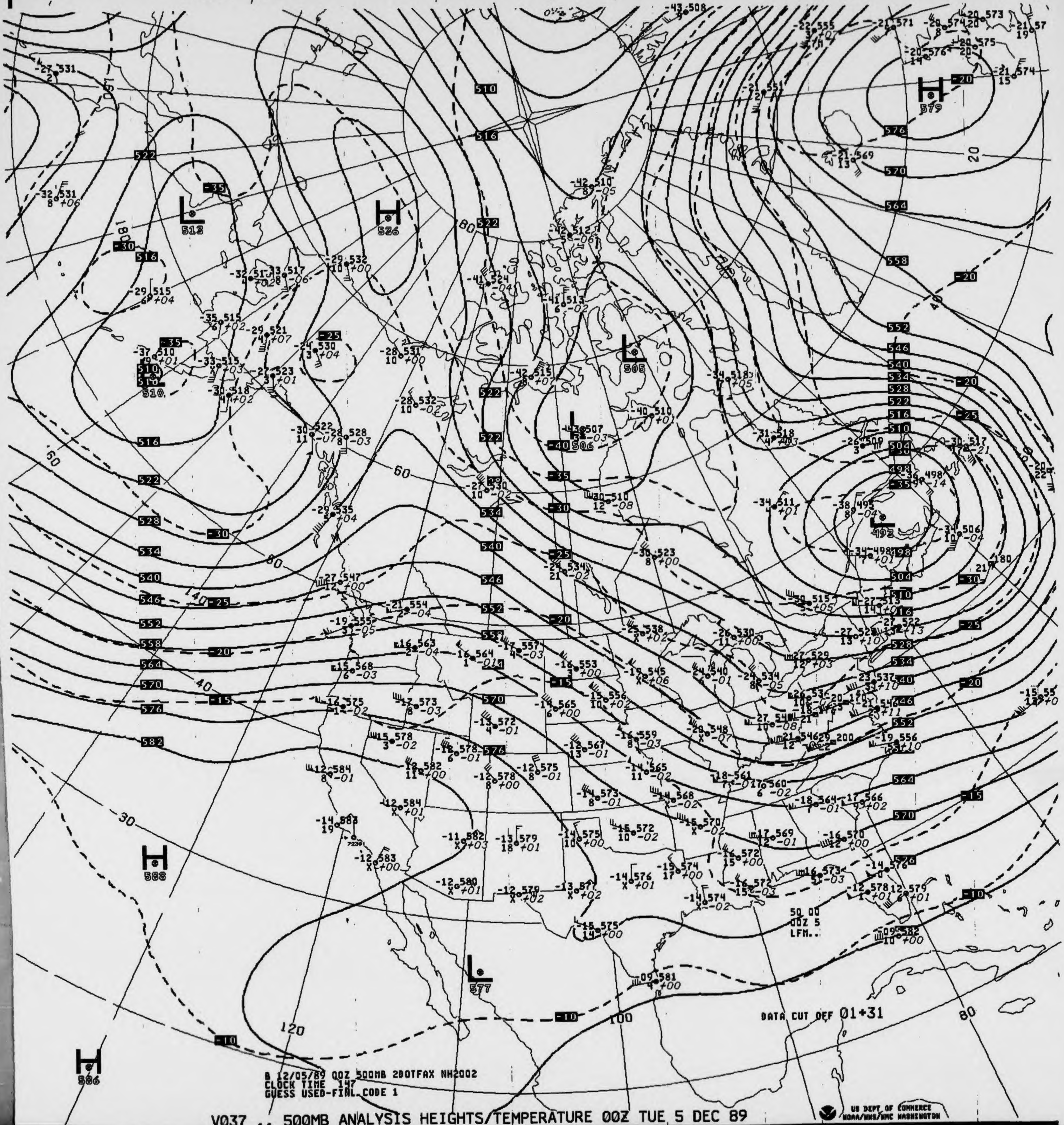
ID 72391
LAT/LONG 34N119W


H 579
H 526
H 588
H 586
L 512
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L 505
L 506
L 492
L 577
DATA CUT OFF 01+31
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00Z 5
LFM..

B 12/05/89 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

500MB

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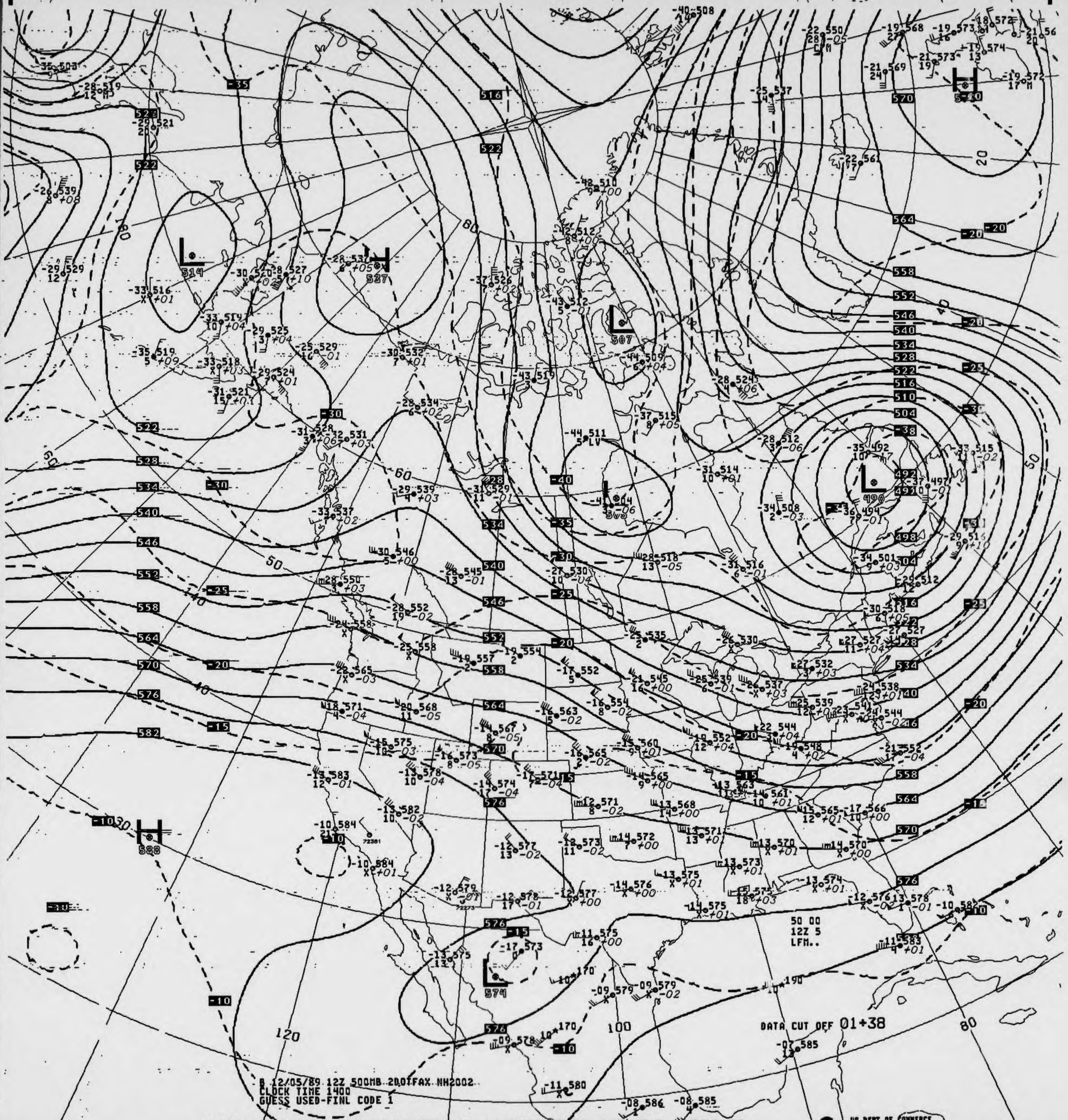
ID	74671	72273	72381
LAT/LONG	36N087W	31N110W	34N116W



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576
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490
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574
-35
-30
-25
-20
-15
-10
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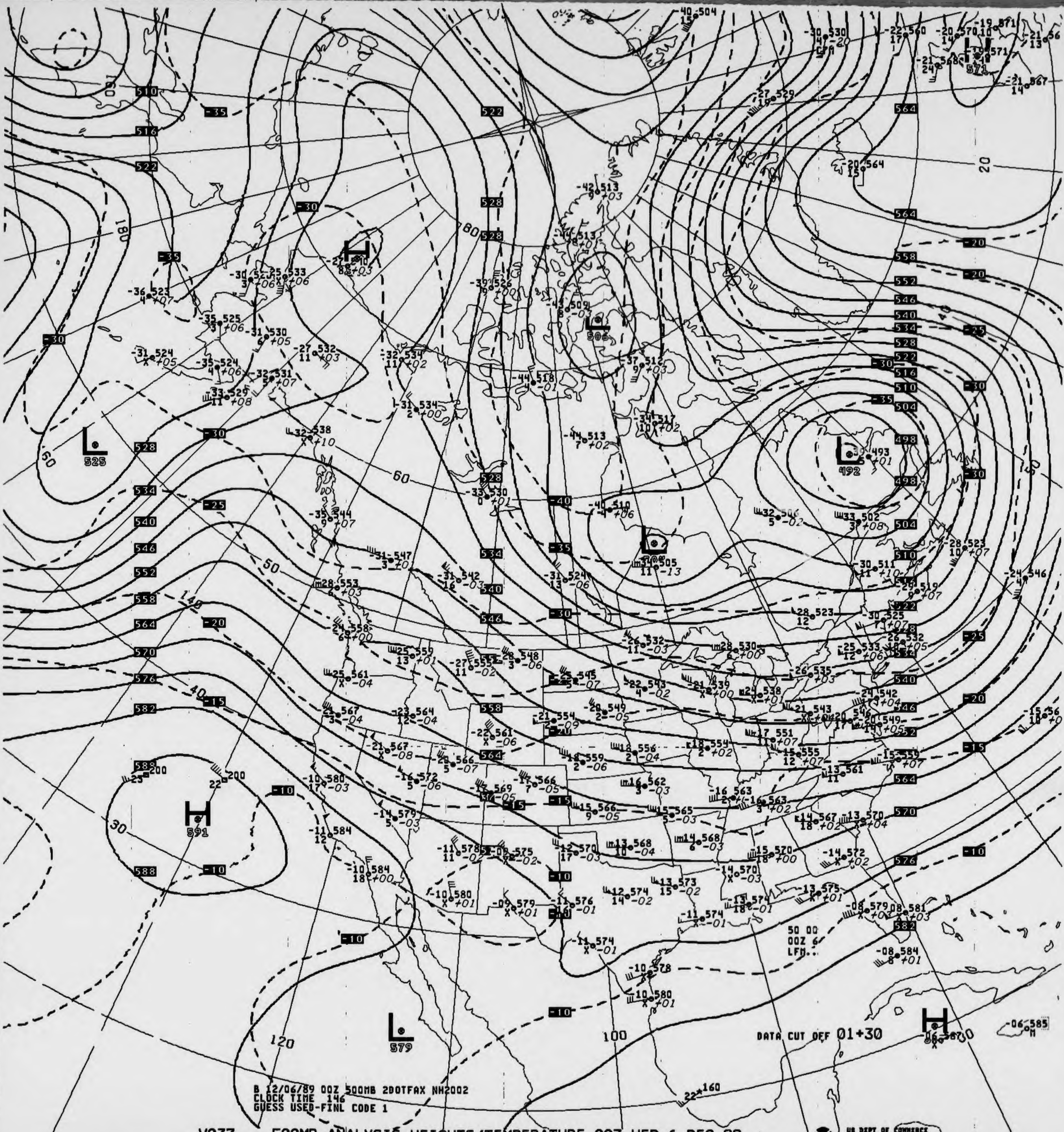
-38
20
40
50
60
80
100
120
140
50 00
12Z 5
LFM..
DATA CUT OFF 01+38

B 12/05/89 12Z 500MB 2D0IFAX NH2002
CLOCK TIME 1400
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



H
591
L
525
L
579
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506
L
492
H
DATA CUT OFF 01+30
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00Z 6
LFM..
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516
522
528
534
540
546
552
558
564
570
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582
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B 12/06/89 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 146
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 6 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

500MB

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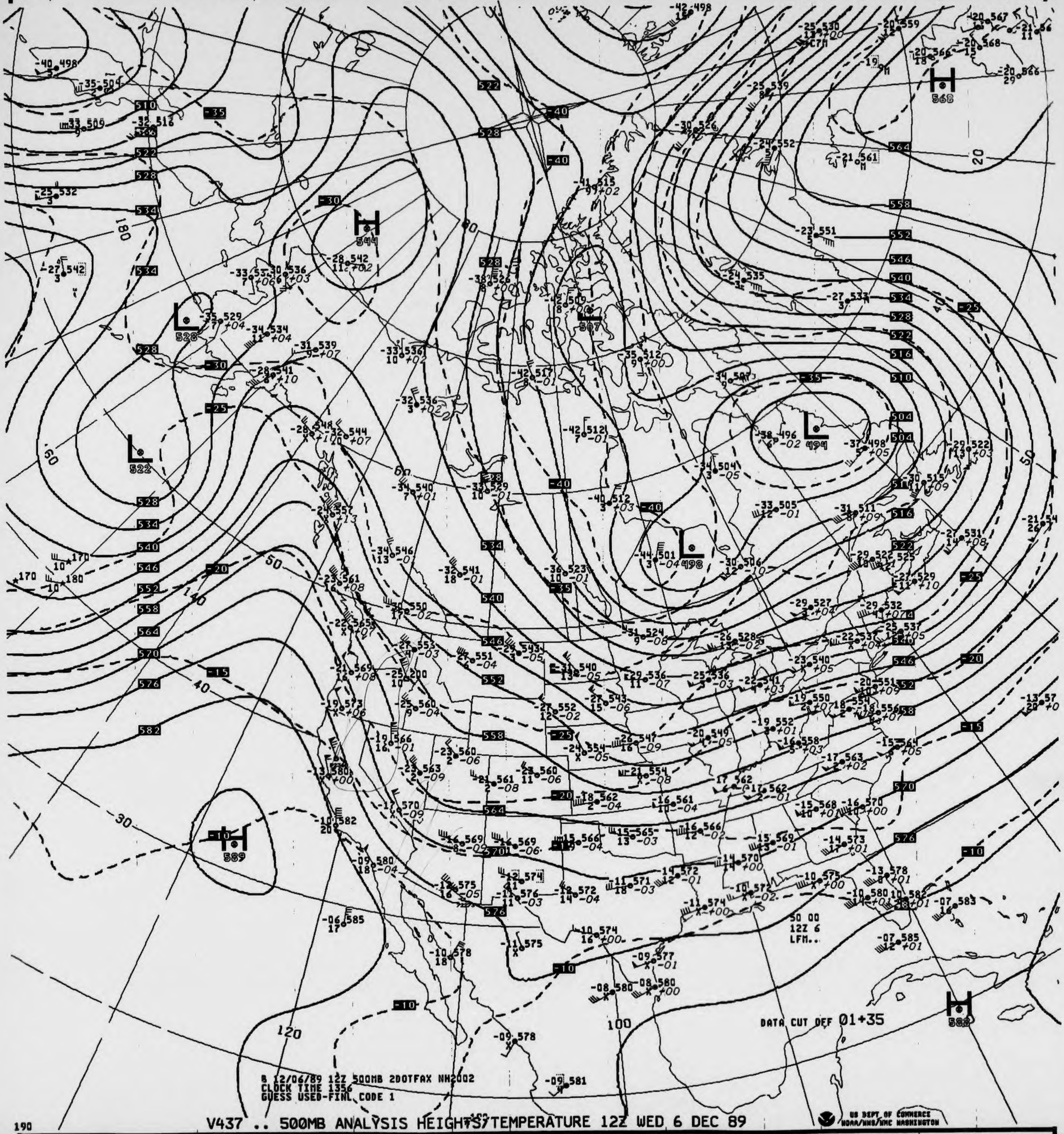
ID 74671 72273
LAT/LONG 36N087W 31N110W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CLOCK TIME 1356
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H 544
H 568
H 589
H 588
L 528
L 522
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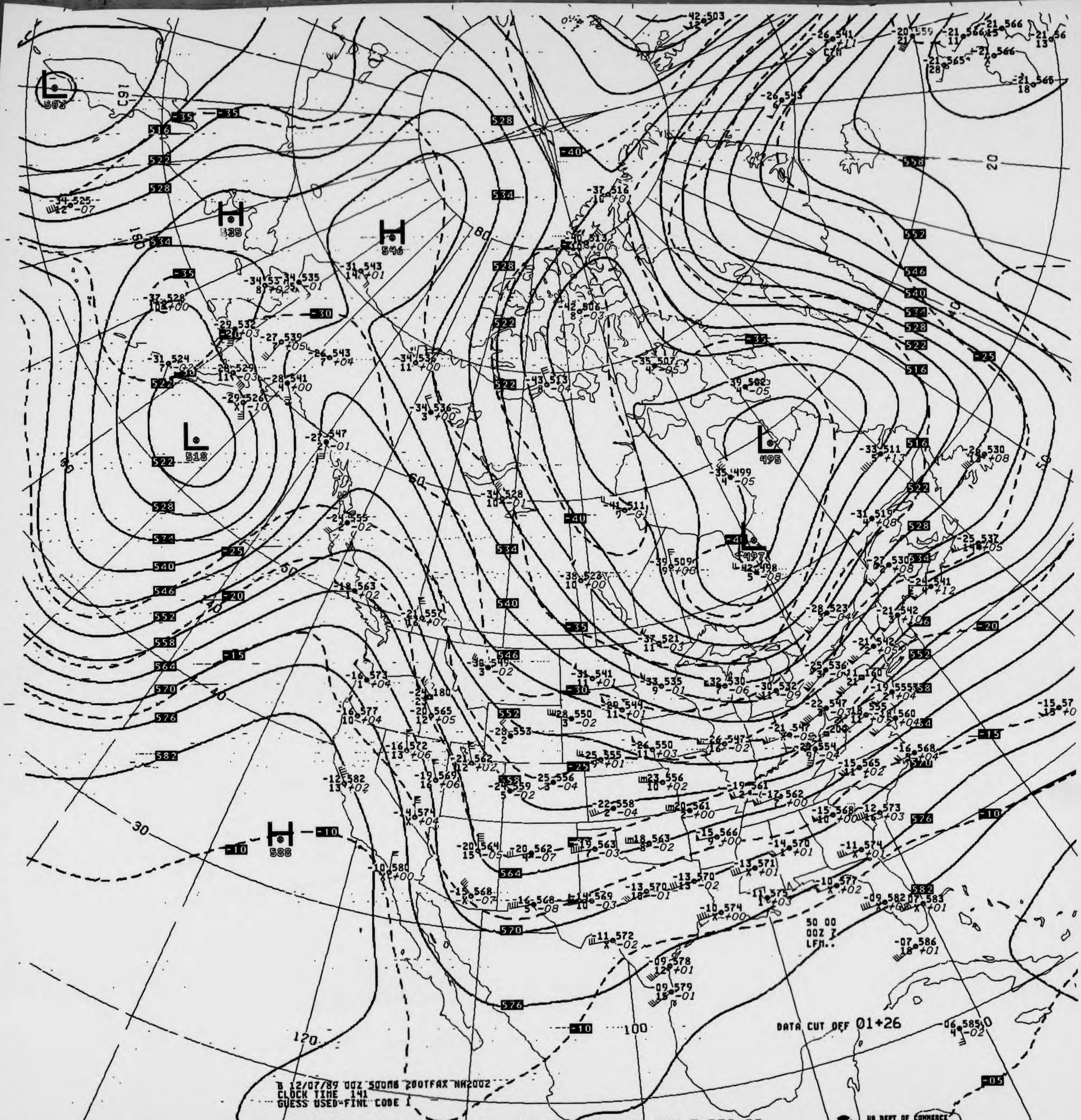
L 507

190 V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 6 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 141
GUESS USED-FINL CODE I
DATA CUT OFF 01+26
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H 525
H 546
L 518
L 495
L 497
H 588
516
522
528
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540
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552
558
564
570
576
582
-35
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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 7 DEC 89

500MB

ID
LAT/LONG

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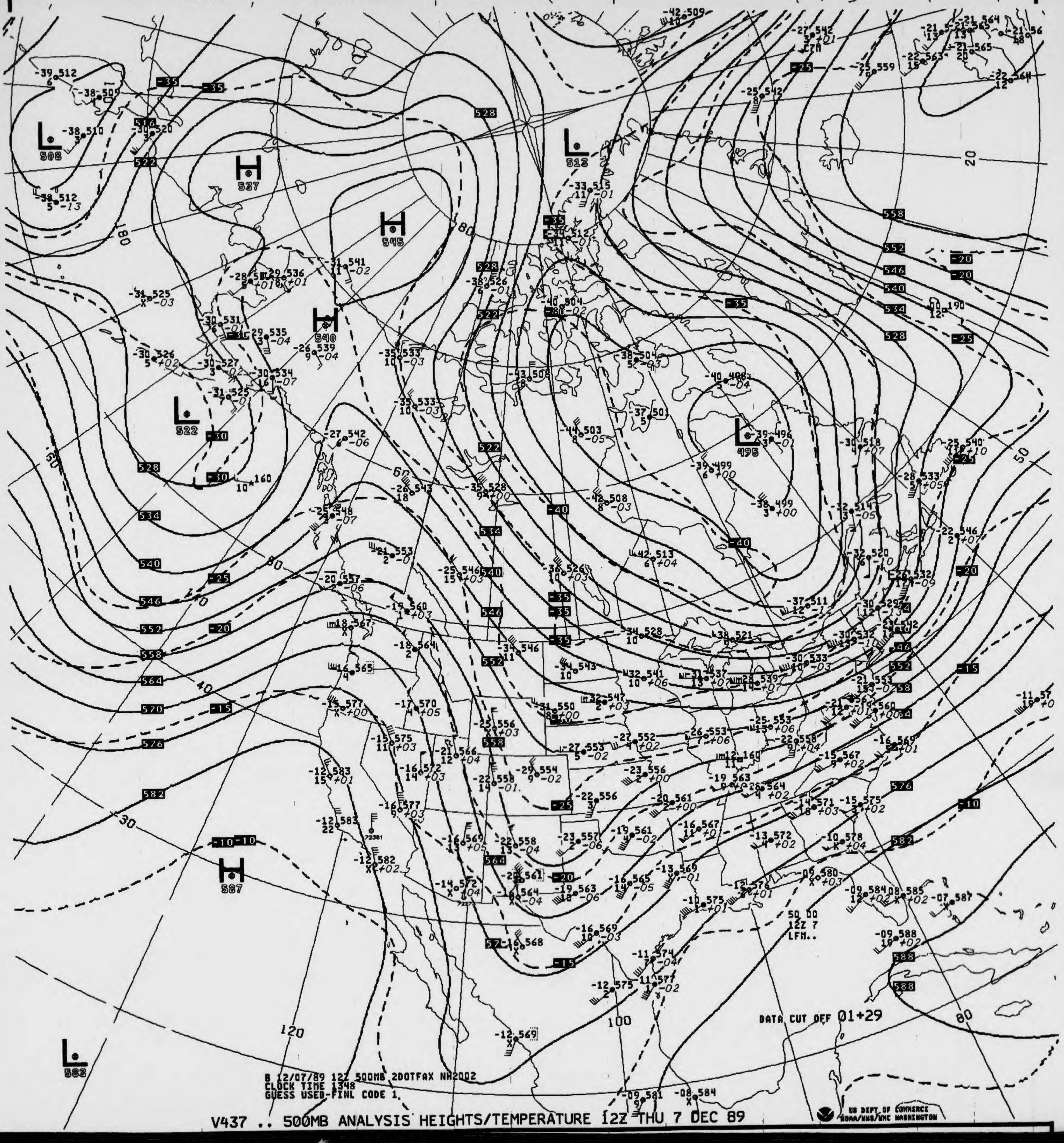
72273 31N110W | 72381 34N116W


L 508
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H 540
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L 495
H 587
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DATA CUT OFF 01+29
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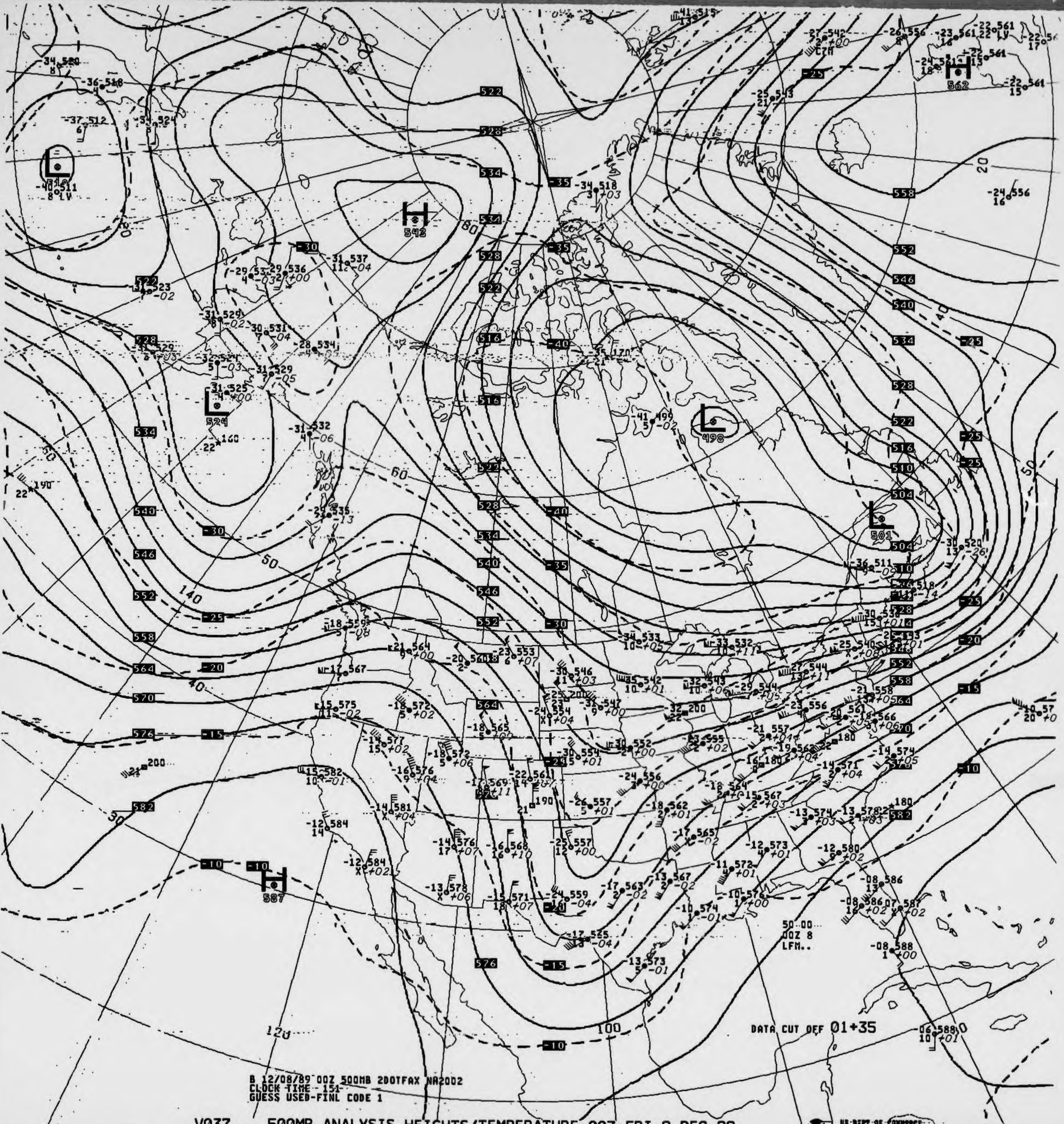
LFM..

B 12/07/89 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1348
GUESS USED-FINL CODE 1.

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 7 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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H 587
L 498
L 501
L 524
DATA CUT OFF 01+35
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LFM..

B 12/08/89 00Z 500MB 2DOTFAX NA2002
CLOCK TIME - 151
GUESS USED-FINL CODE 1

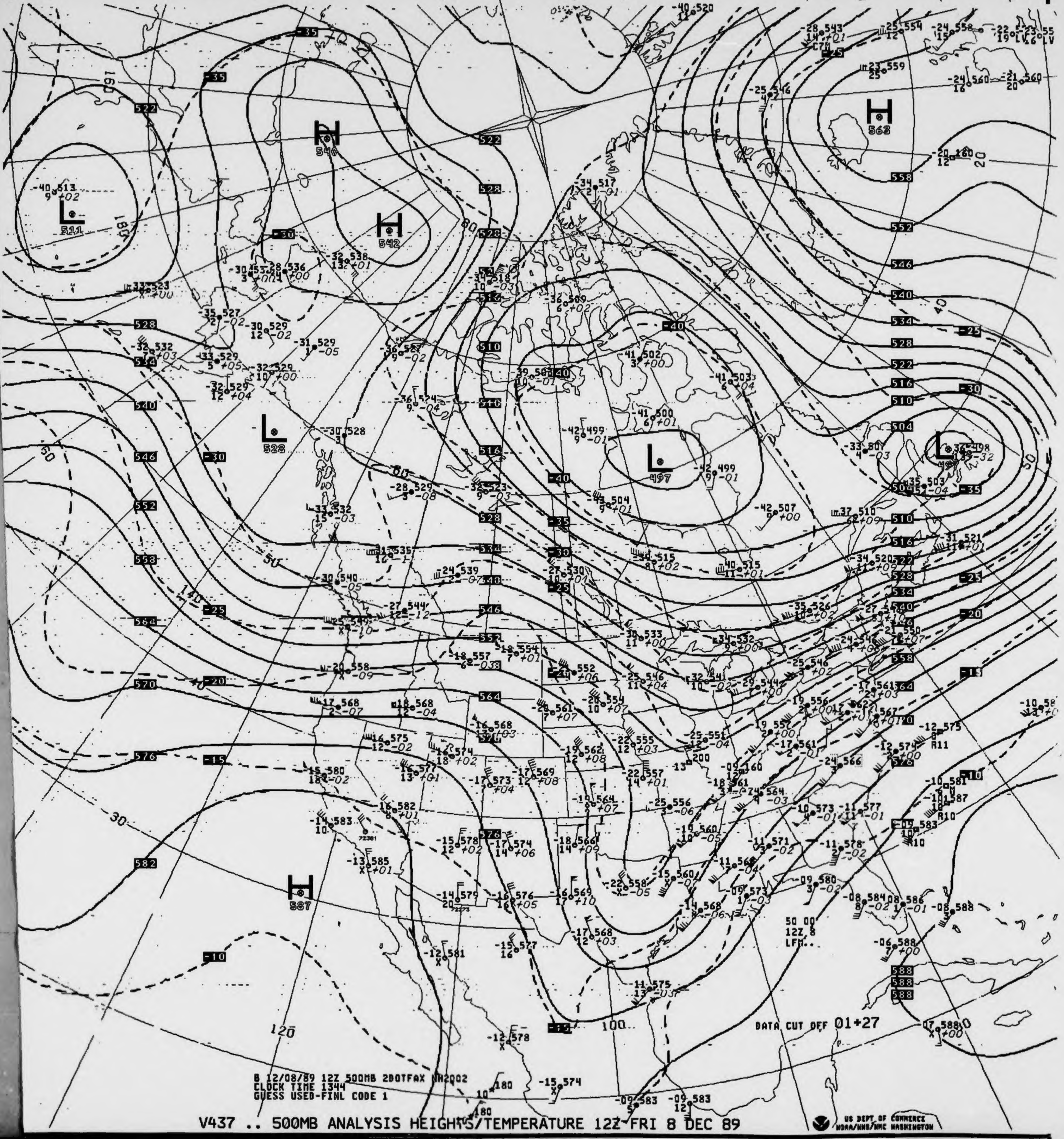
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

500MB

-13 583
18

ID 72381
LAT/LONG 34N116W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576
582
588
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120
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30
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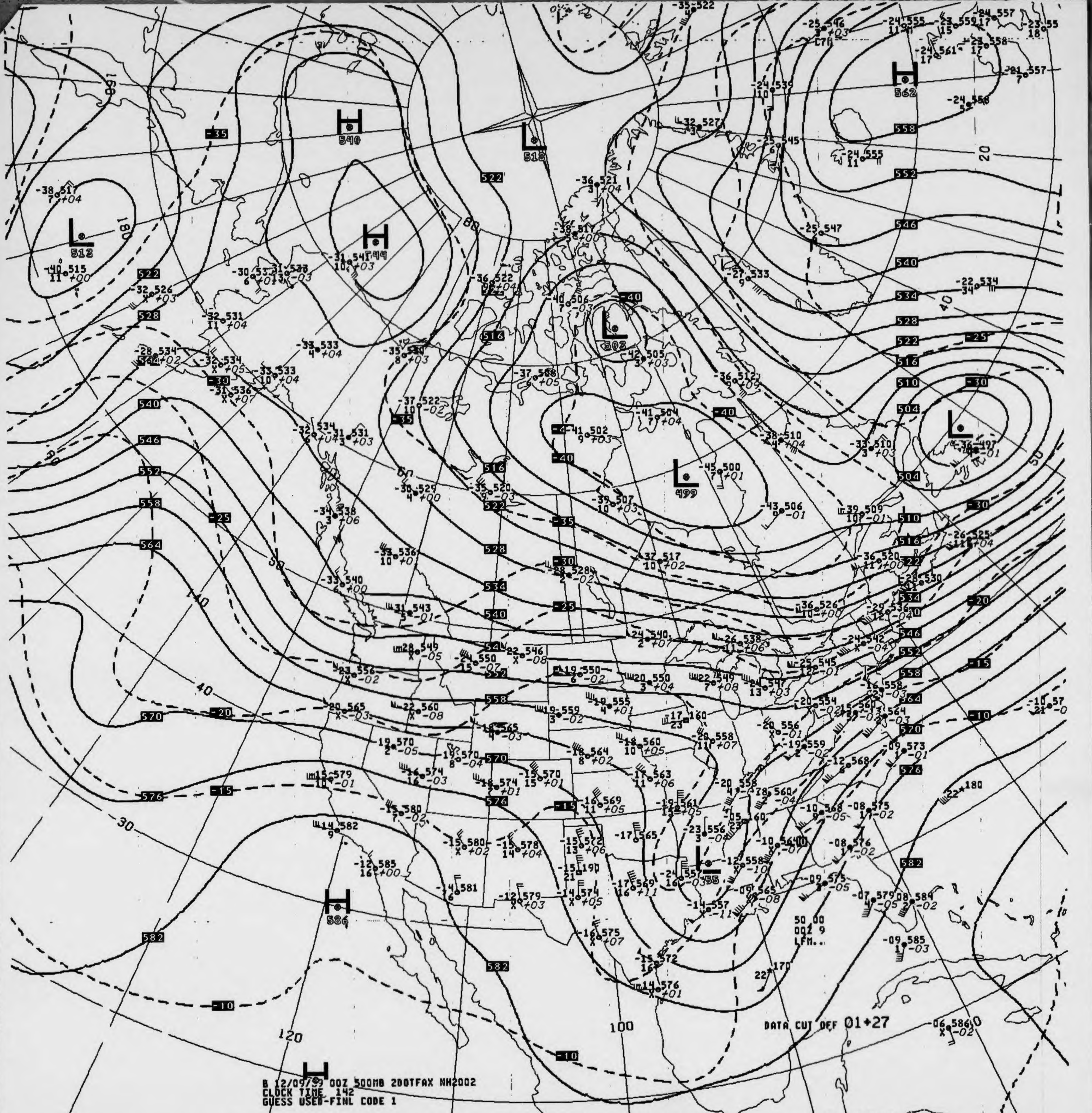
B 12/08/89 12Z 500MB 200TFAX NH2002
CLOCK TIME 1344
GUESS USED-FINL CODE 1

50 00
12Z 8
LFM..

DATA CUT OFF 01+27

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



H 540
L 518
H 544
L 512
L 502
L 499
H 562
L
H 586
L 555
H
522
528
534
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564
570
576
582
516
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504
-35
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-10
-40
DATA CUT OFF 01+27
50 00
00Z 9
LFM..
B 12/09/89 00Z 500MB 200TFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1
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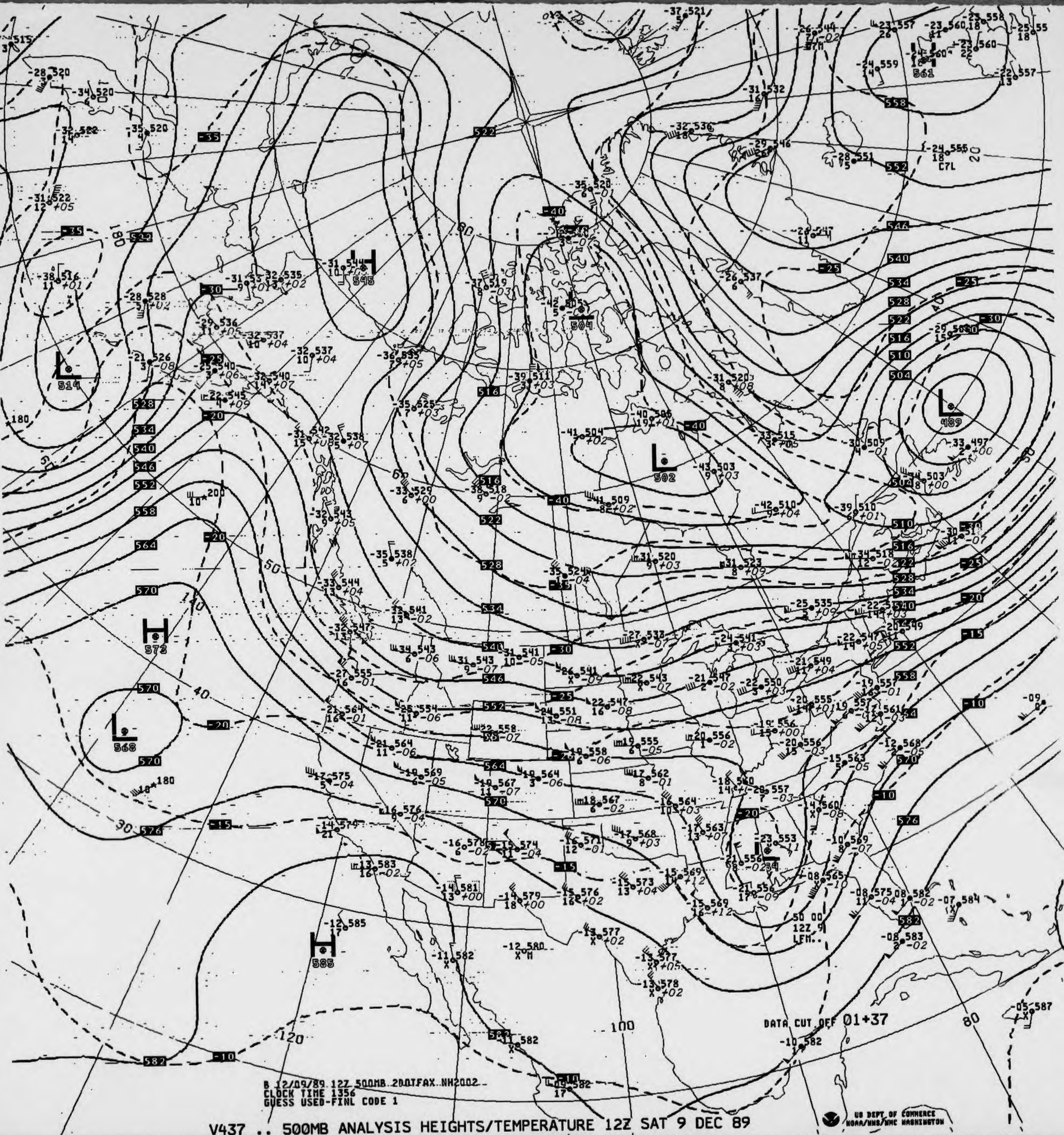
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 9 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 1356
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12Z 9
LFM..
H
545
H
573
H
585
L
514
L
568
L
504
L
502
L
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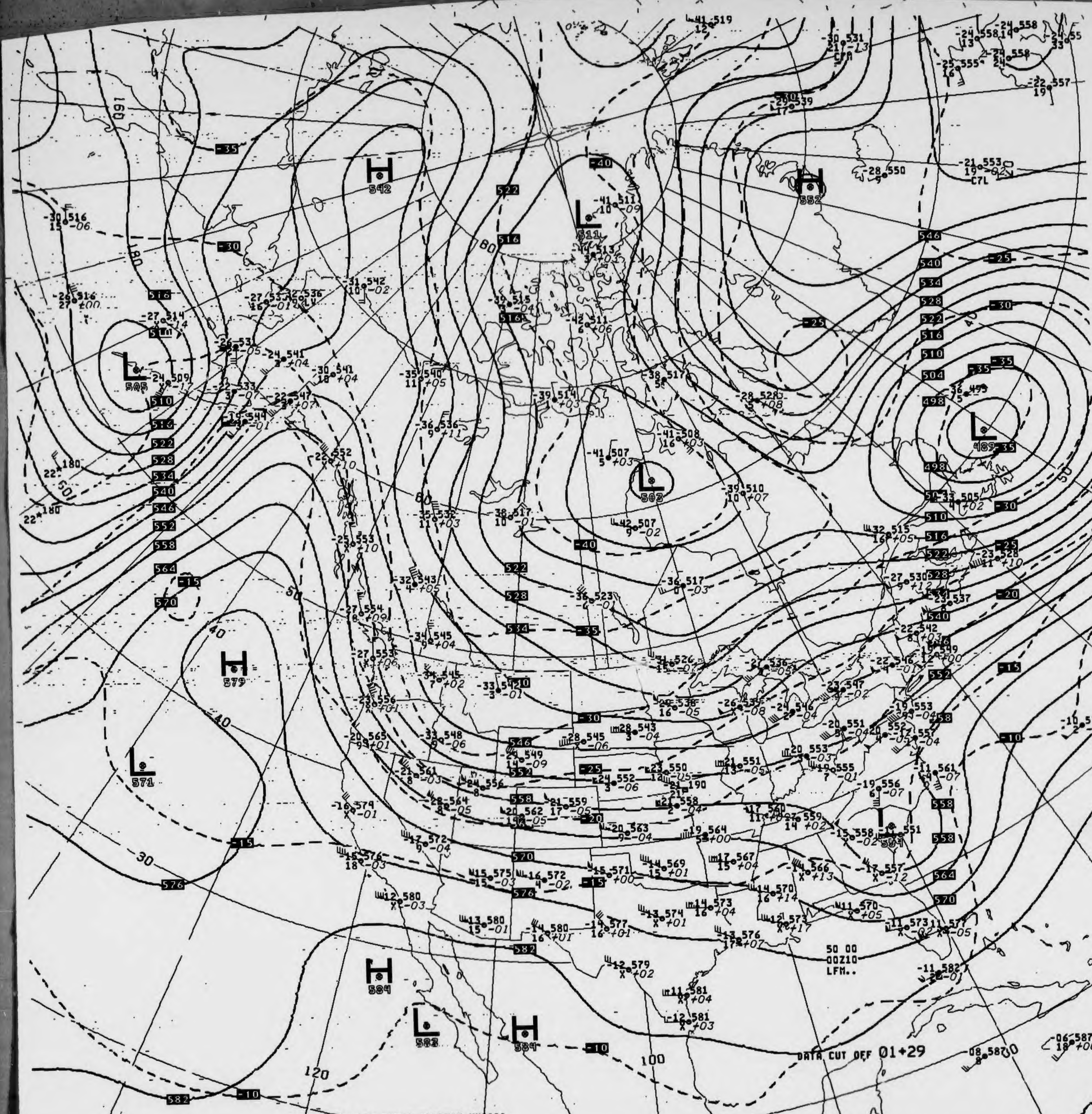
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 9 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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DATA CUT OFF 01+29
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00Z10
LFM..

B 12/10/89 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 143
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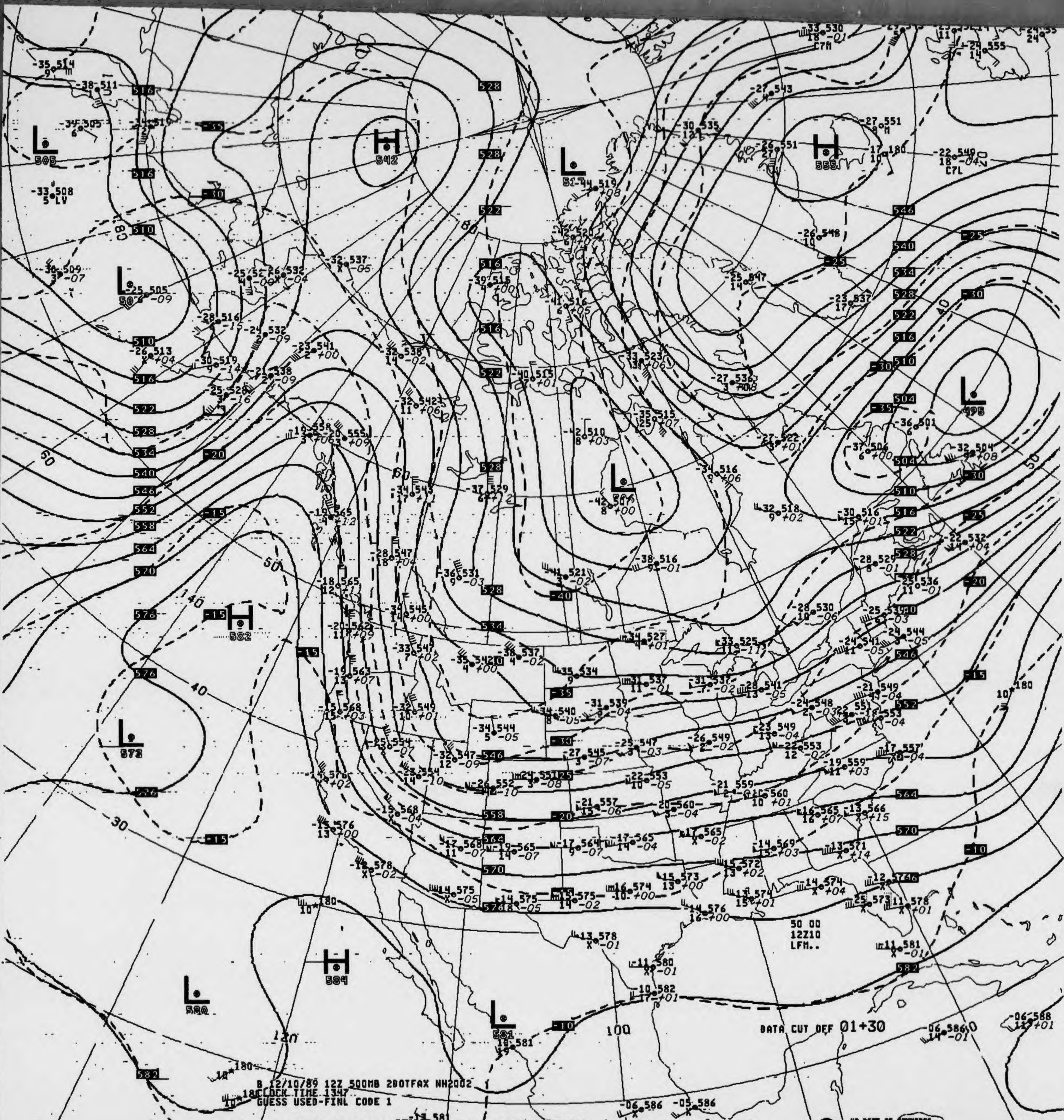
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 10 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 582
H 584
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L 507
L 51
L 504
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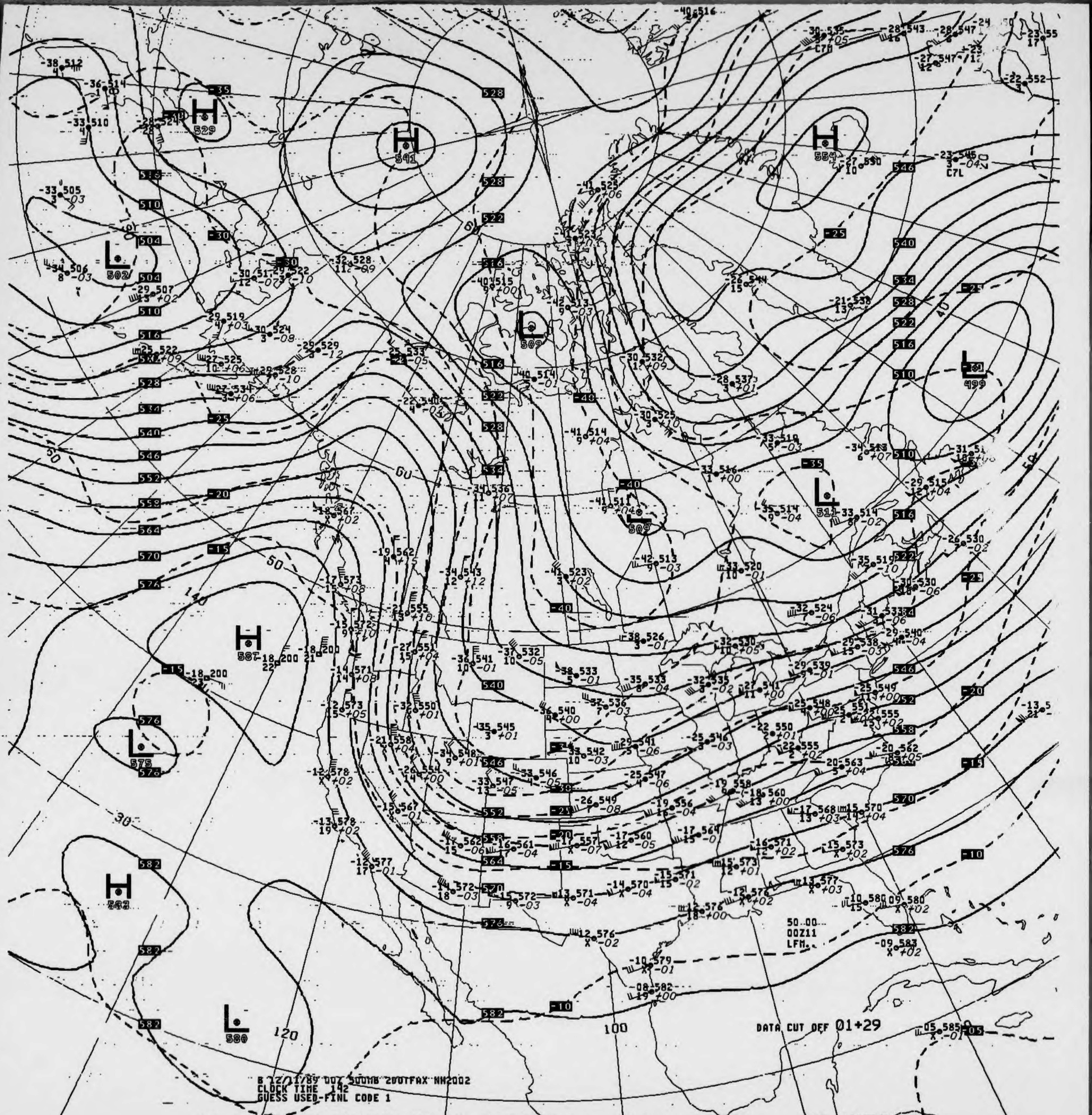
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 10 DEC 89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CLOCK TIME 142
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

500MB

-16 566 -12 576
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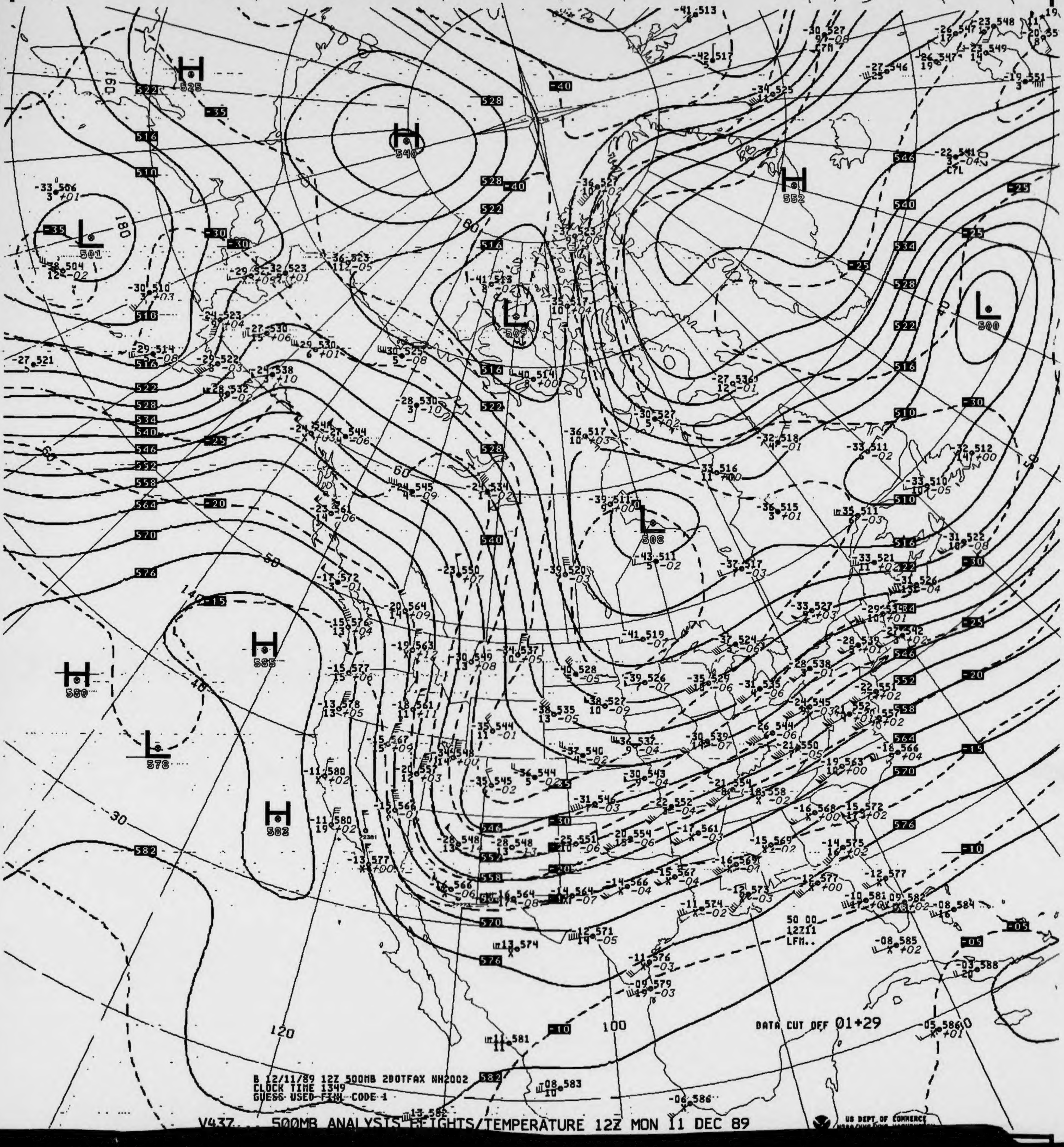
ID 72273 72381
LAT/LONG 31N110W 34N116W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500
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585
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-25
-20
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570
576
582
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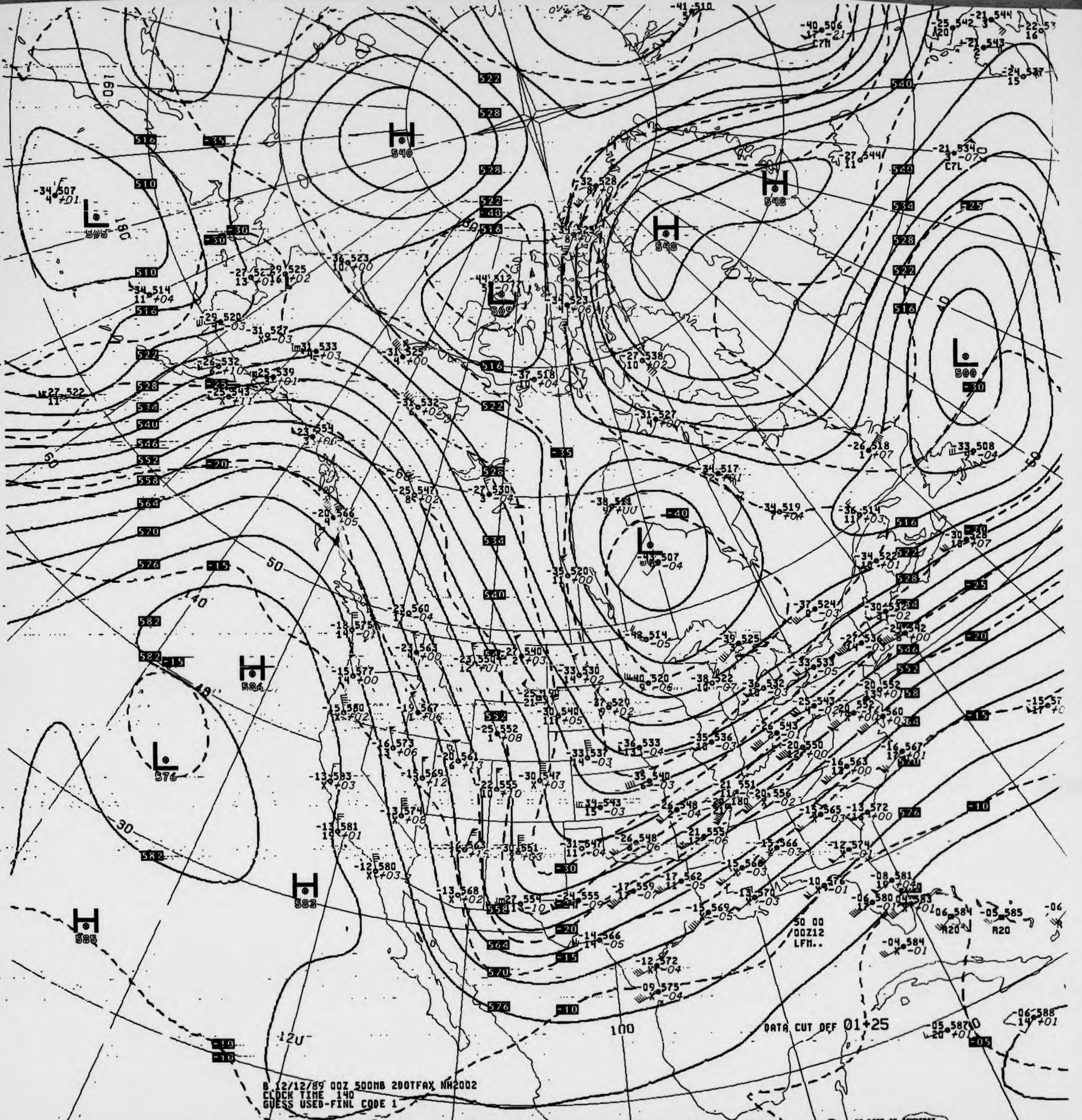
140
120
100
50 00
12Z11
LFM..
DATA CUT OFF 01+29

B 12/11/89 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1349
GUESS USED FINL CODE 1

V437 ... 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 11 DEC 89

US DEPT OF COMMERCE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LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H
L
540
548
505
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500
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586
576
582
585

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 12 DEC 89

00MB

-21 550 -13 571
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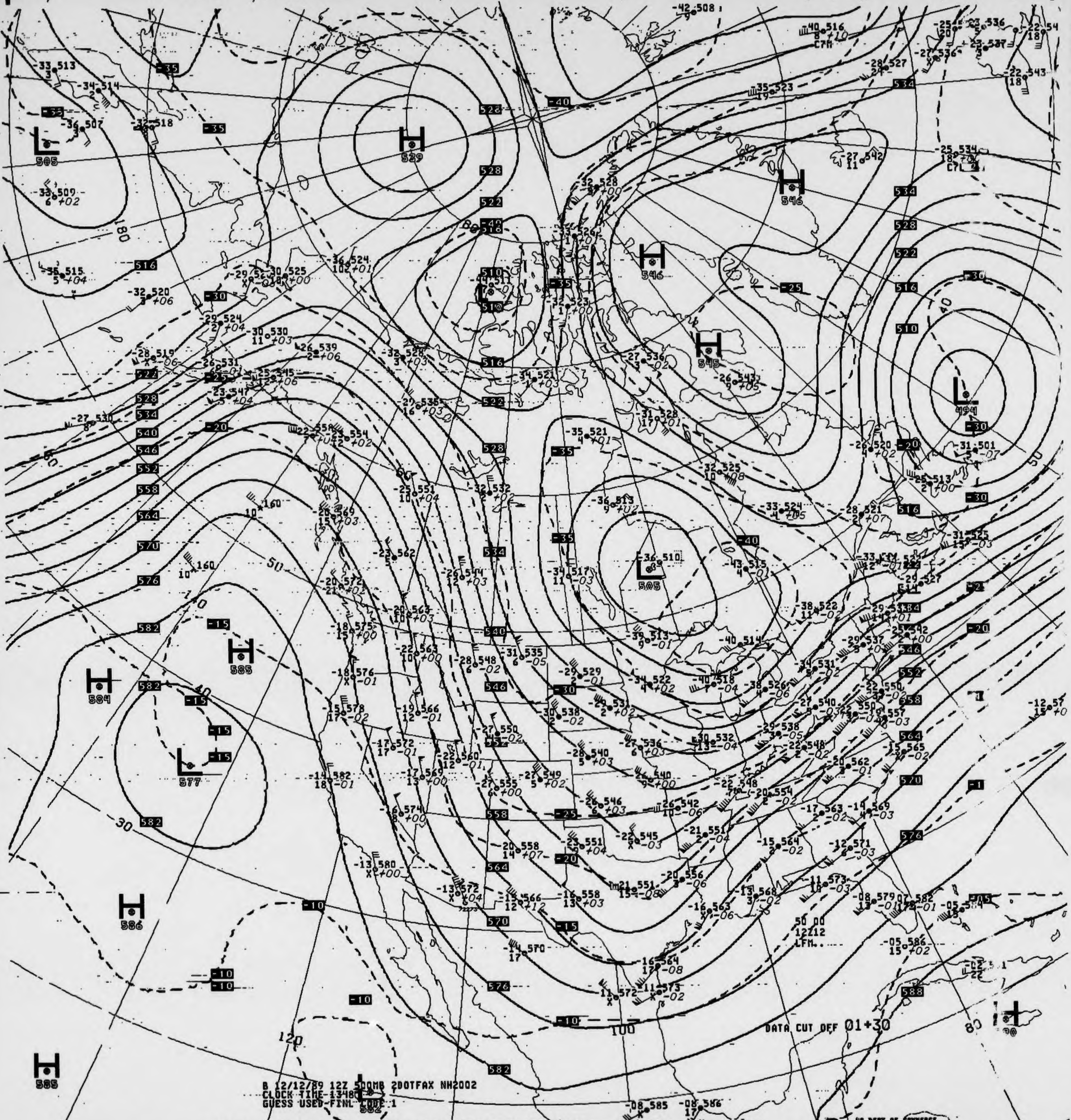
ID 74671 72273
LAT/LONG 36N087W 31N110W



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L 505
L 494
H 585
H 584
L 577
H 586
H 585
L 582
DATA CUT OFF 01+30
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12Z12
LFM..
B 12/12/89 12Z 500MB 2DOTFAX NH2002
CLOCK TIME-1348
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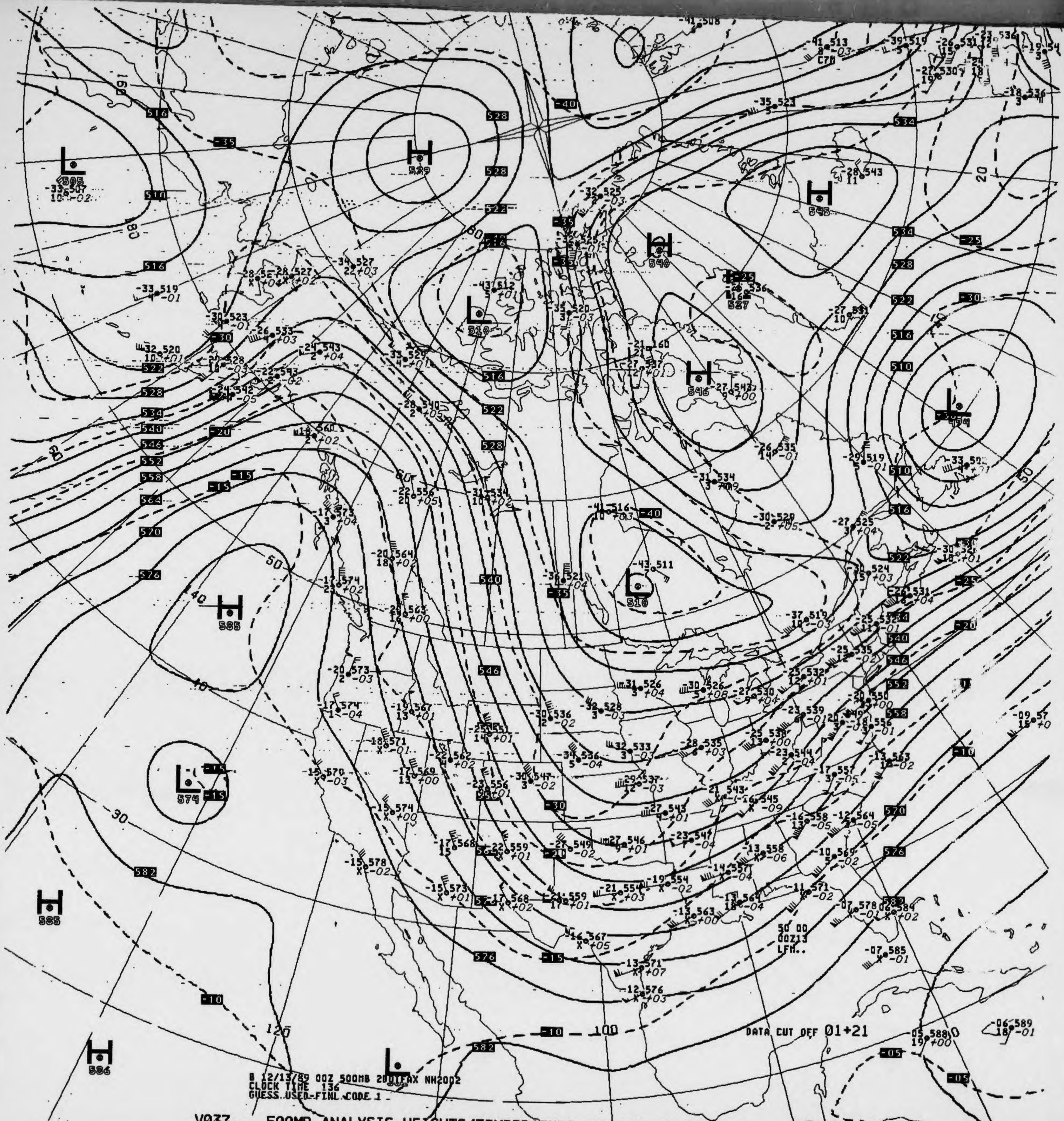
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V437 ... 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 12 DEC 89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CLOCK TIME 136
GUESS USED-FINL CODE 1

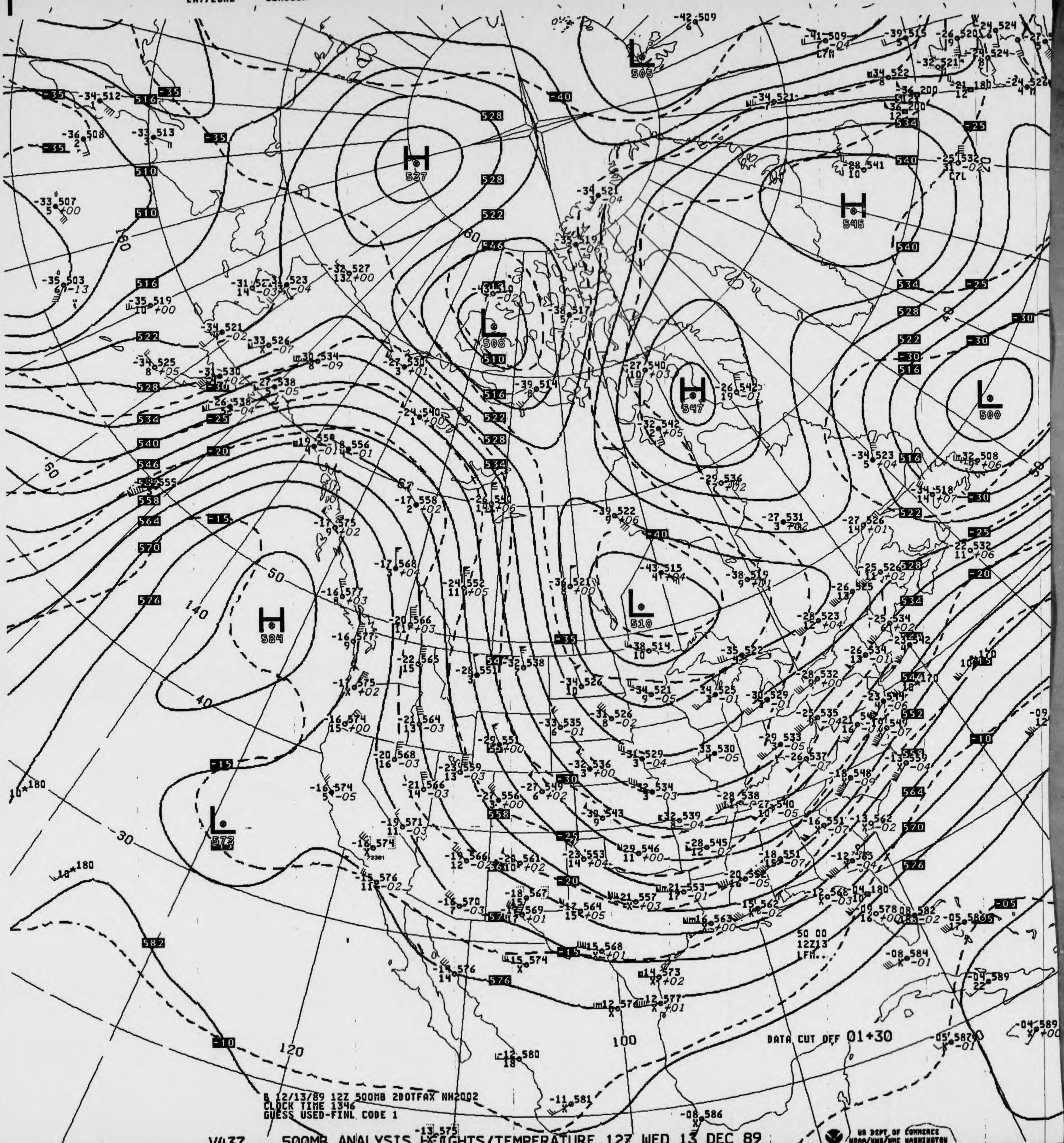
V037 ... 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 13 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

500MB

-13 562
22 M

ID 74780
LAT/LONG 32N081W


H
537
L
505
H
545
L
508
H
547
L
500
H
584
L
510
L
572
DATA CUT OFF 01+30
50 00
12Z13
LFM
100
120
140
30
40
50
60
80

B 12/13/89 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1

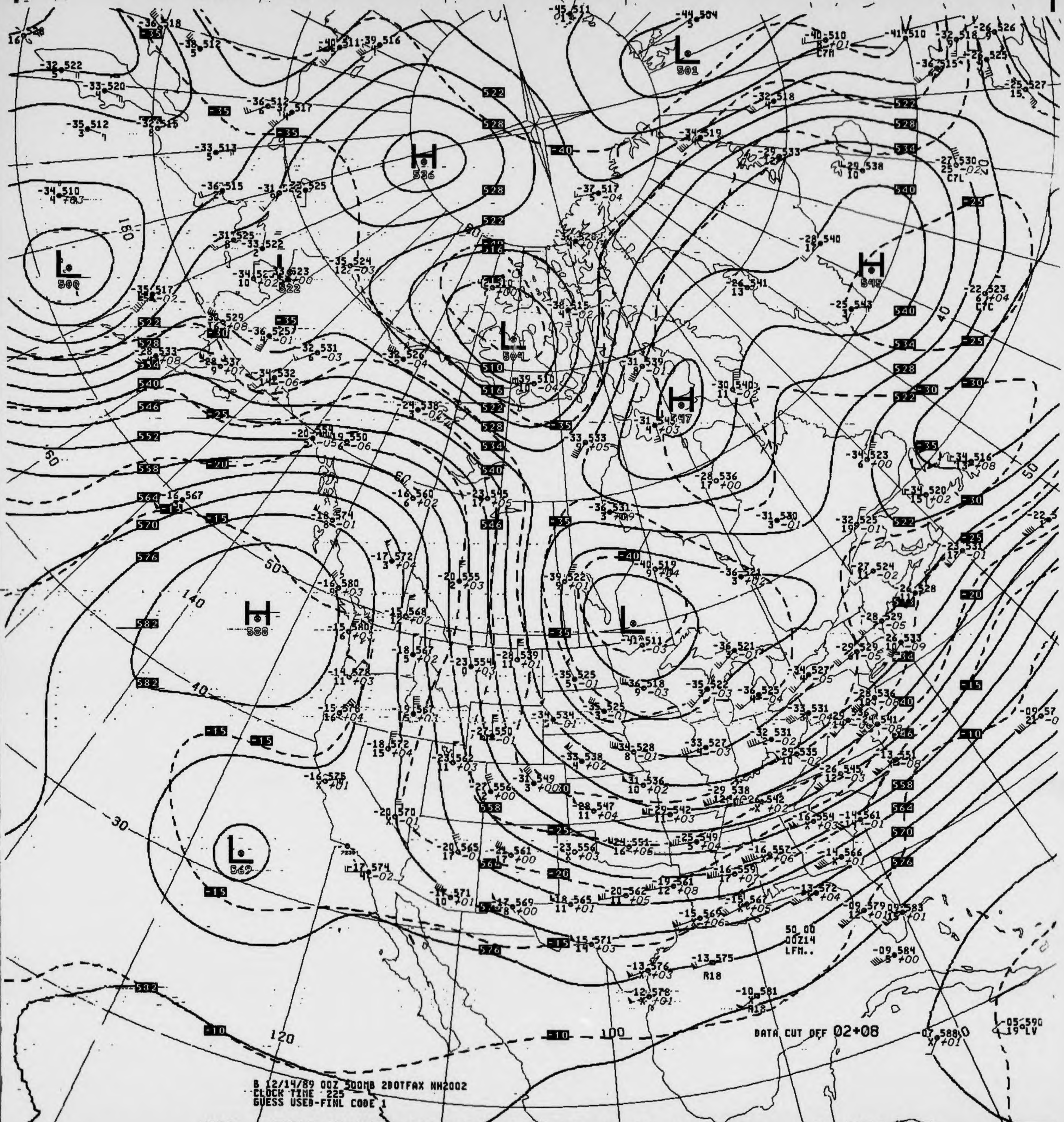
-13 575

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 13 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

500MB

ID 72391
LAT/LONG 34N119W


-18 573
3
H
536
H
588
H
545
H
547
L
501
L
500
L
504
L
569
L
522
DATA CUT OFF 02+08
50.00
00Z14
LFM..
R18

B 12/14/89 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 225
GUESS USED-FINL CODE 1

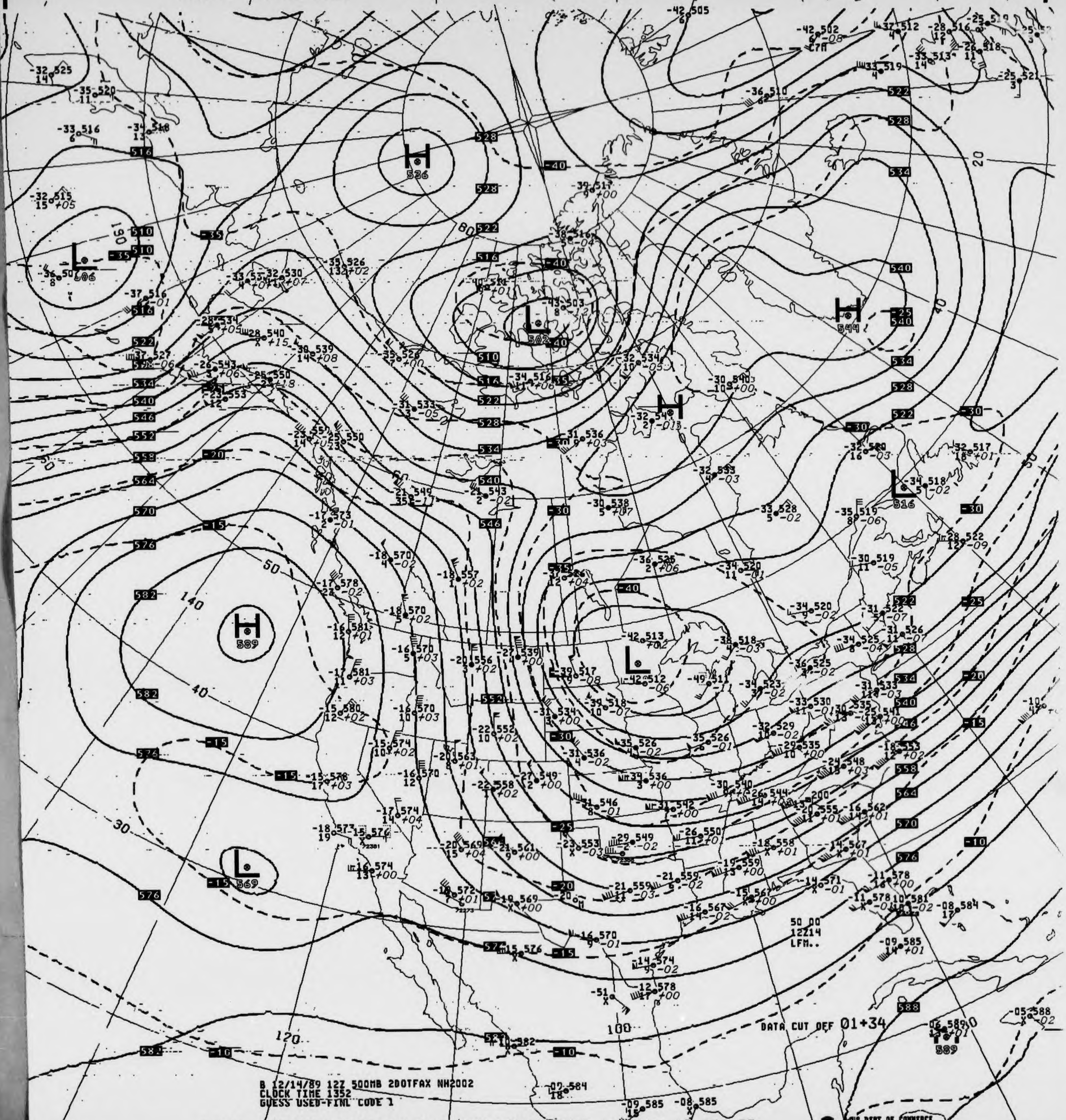
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 14 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

500MB

-28 552 8 -17 572 3

ID	72355	72273
LAT/LONG	34N098W	31N110W


H 536
L 502
L 606
H 549
H 589
L 569
L 516
DATA CUT OFF 01+34
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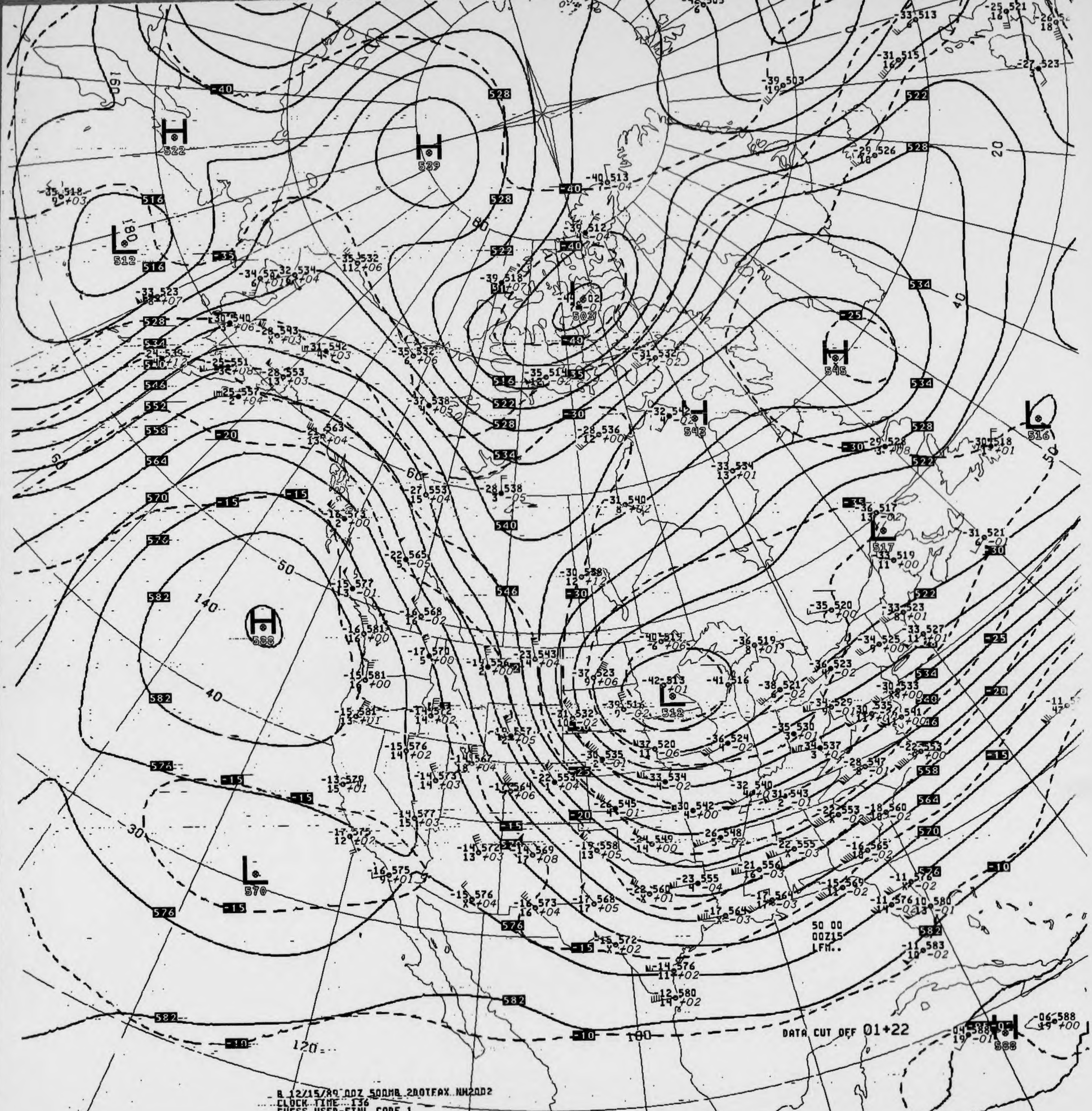
LFM..
B 12/14/89 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1352
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 14 DEC 89


H 522
H 529
L 512
H 545
L 503
H 548
L 516
L 517
H 588
L 512
L 570
H 588
516
522
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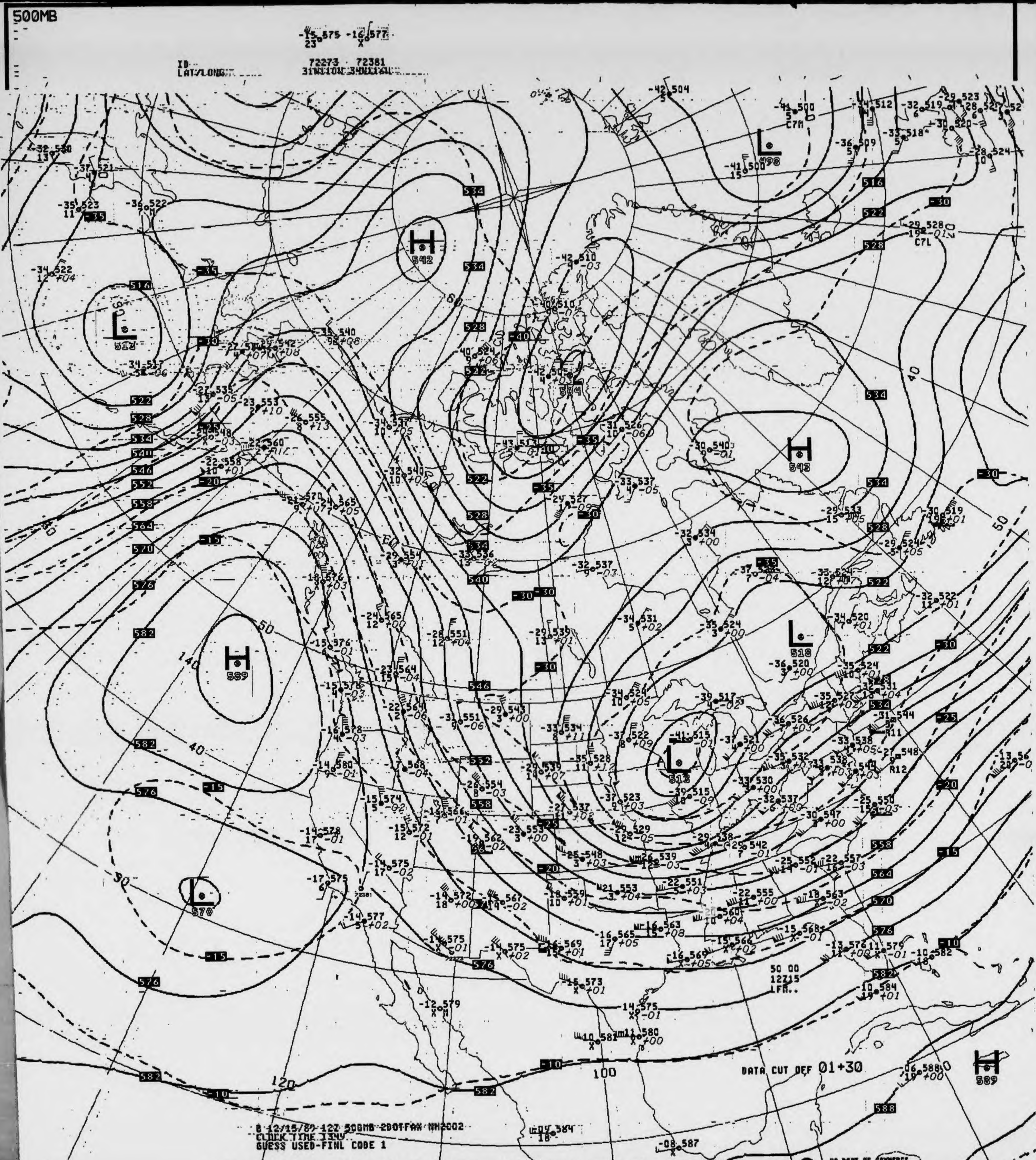
534
540
546
552
558
564
570
576
582
-40
-35
-30
-25
-20
-15
-10
160
180
140
120
100
60
50
40
30
20
DATA CUT OFF 01+22
50 00
00Z15
LFM..

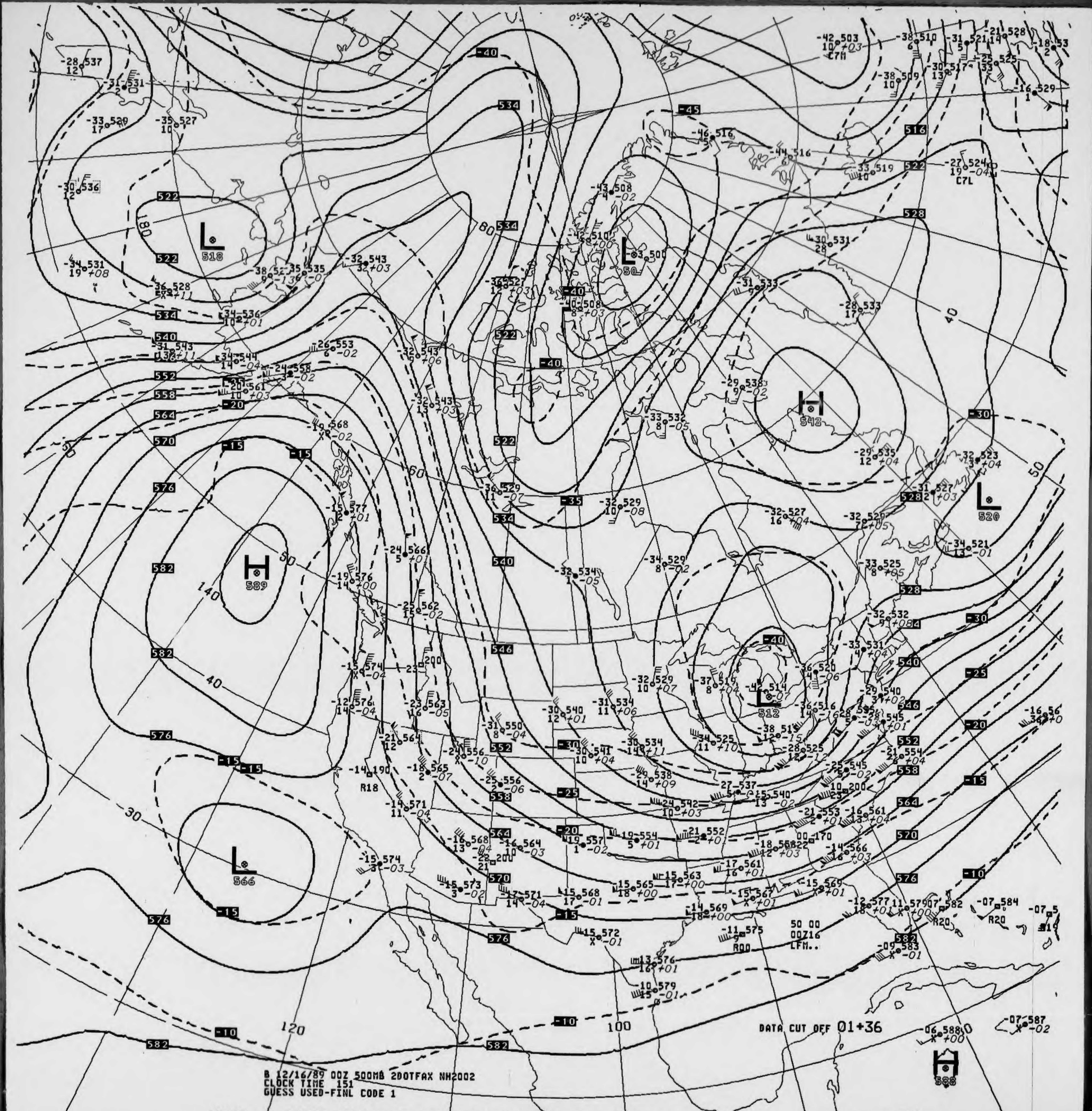
B 12/15/89 00Z 500MB 2D0TFAX NH2002
CLOCK TIME 136
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 15 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


500MB
-15 575 -16 577
23 X
ID 72273 72381
LAT/LONG 31N110W 34N111W
H 542
L 512
H 589
L 570
L 498
H 542
L 518
L 513
H 589
516
522
528
534
540
546
552
558
564
570
576
582
588
-10
-15
-20
-25
-30
-35
-40
50 00
12Z15
LFM..
DATA CUT OFF 01+30
100
120
140
B 12/15/89 12Z 500MB 200TFAX NH2002
CLOCK TIME 1349
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 15 DEC 89


L 518
L 50
H 542
L 520
H 589
L 512
L 566
H 588
DATA CUT OFF 01+36
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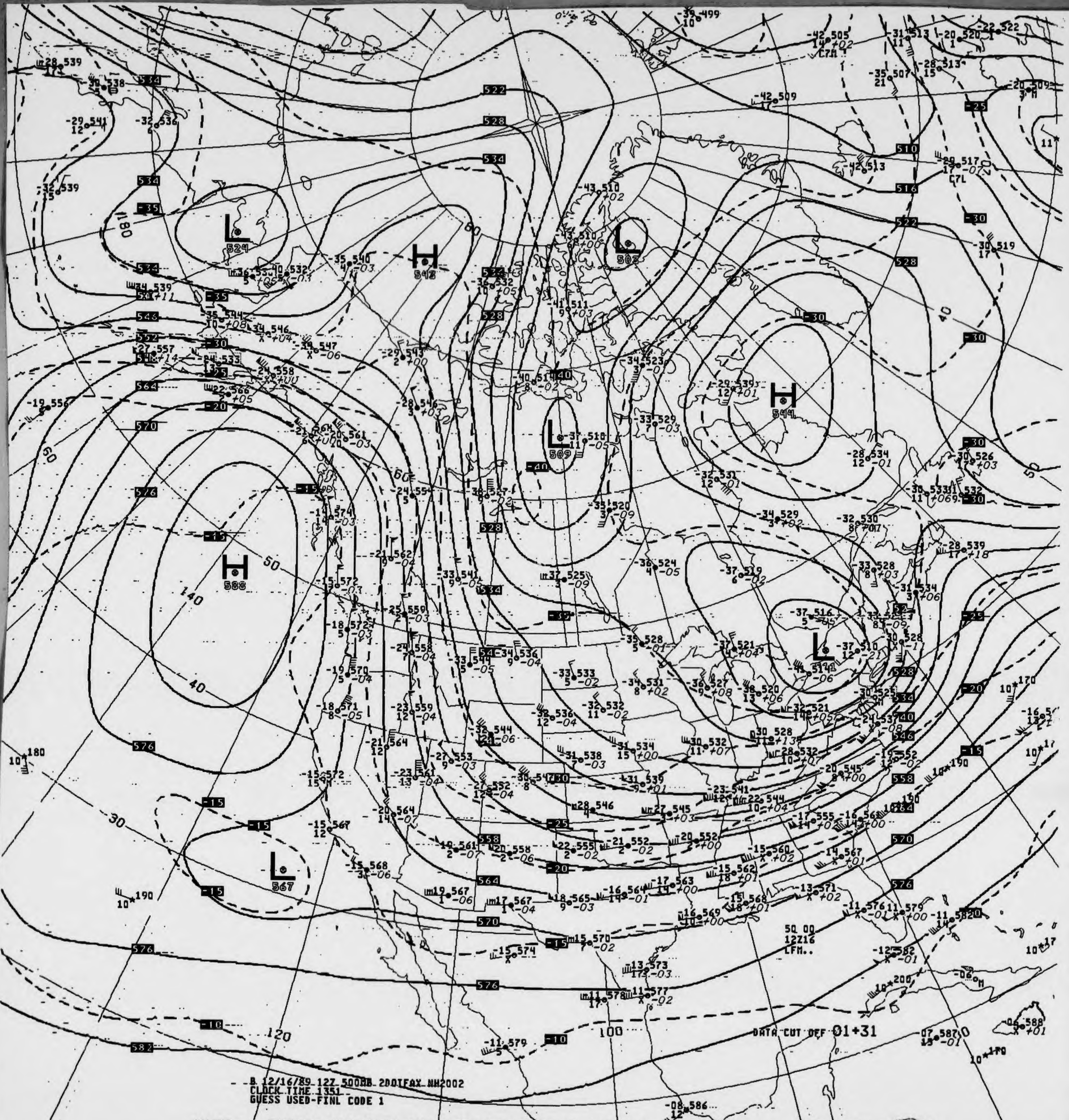
00Z16
LFM..

B 12/16/89 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 16 DEC 89

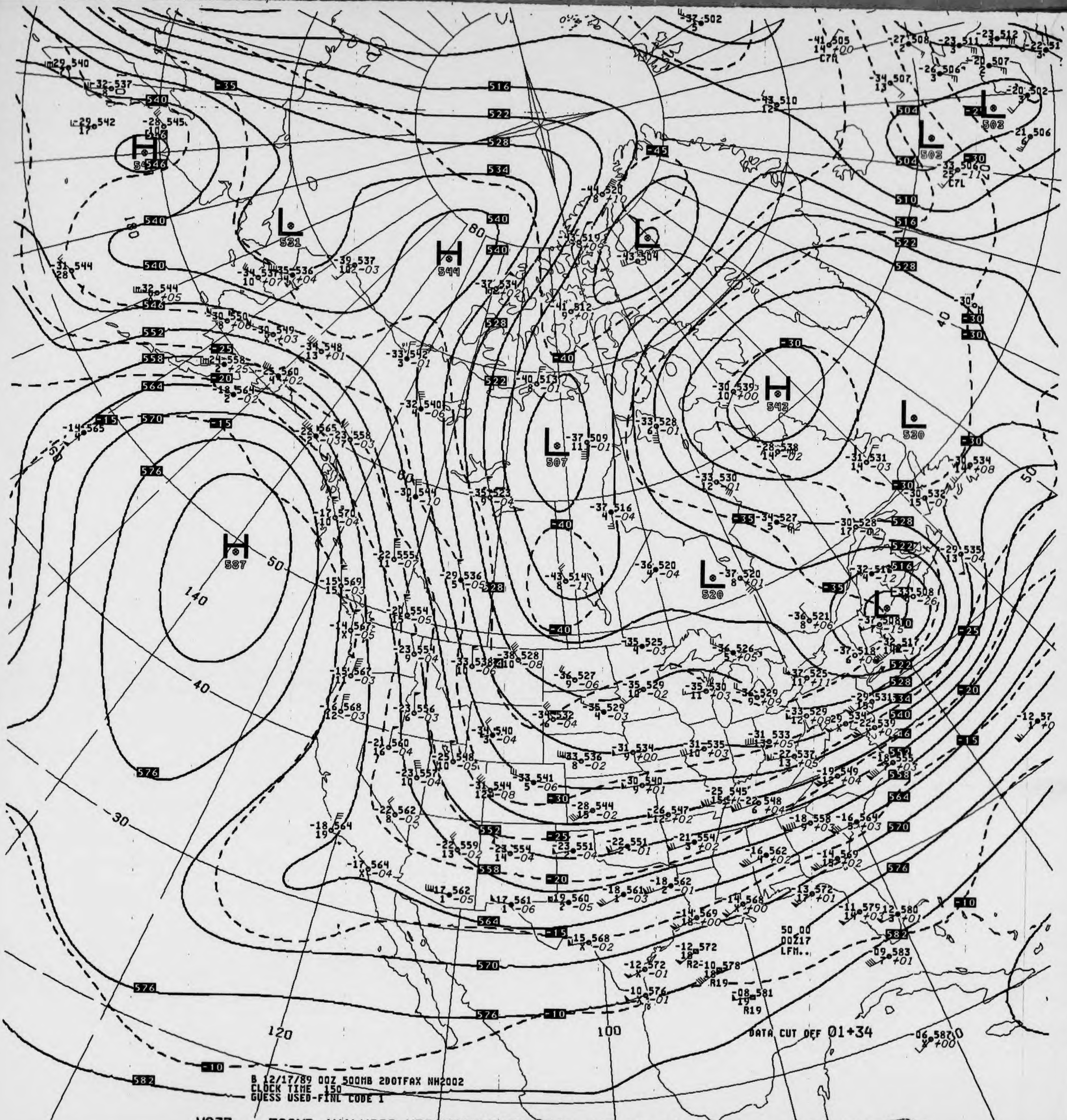
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



L 524
H 548
L 502
L 509
H 544
H 588
L
L 567
522
528
534
540
546
552
558
564
570
576
582
510
516
-10
-15
-20
-25
-30
-35
-40
180
140
120
100
60
50
40
-30
DATA CUT OFF 01+31
50 00
12Z16
LFM..
B 12/16/89 12Z 500MB 200IFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1

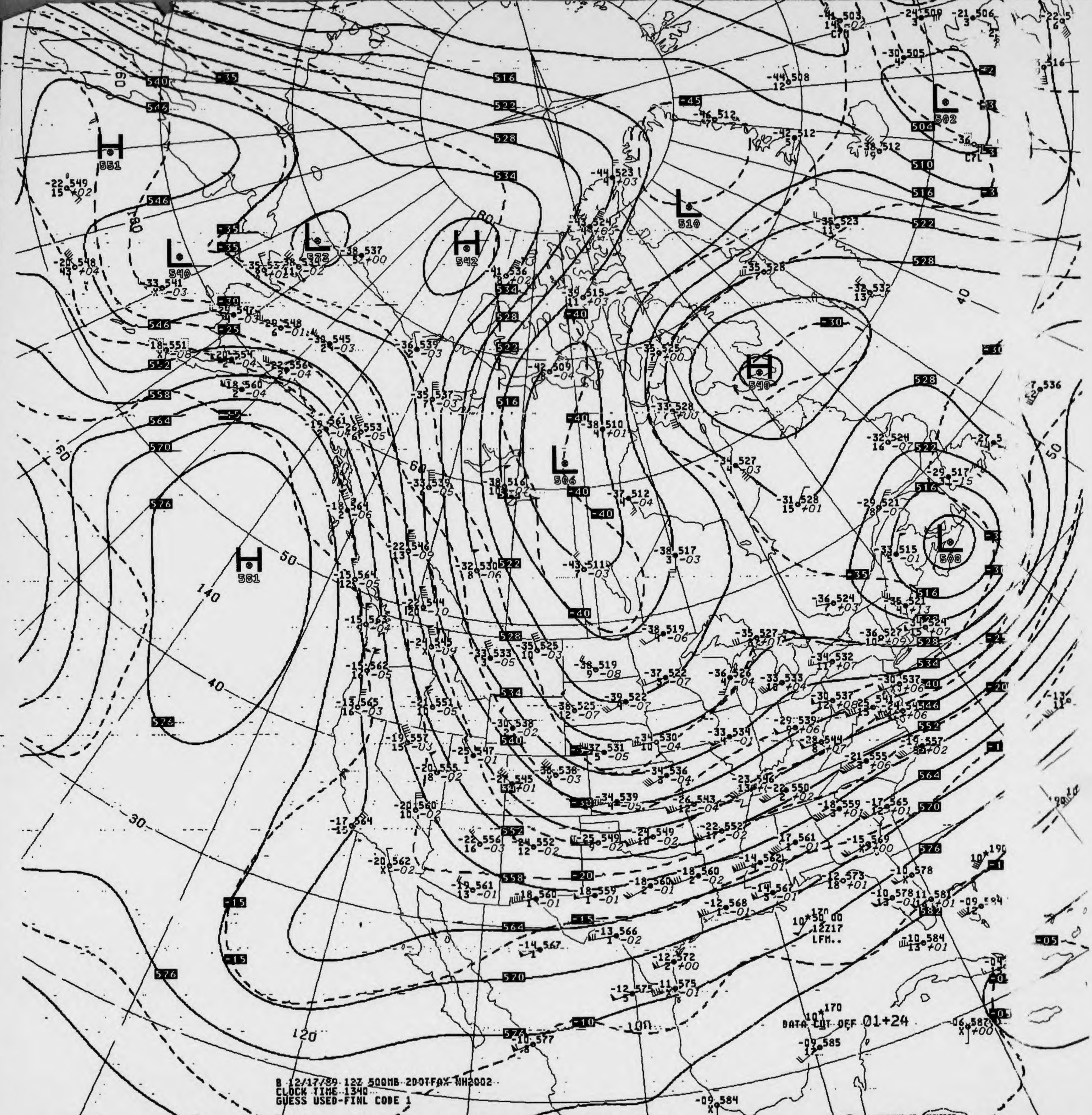
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 16 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/17/89 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 150
GUESS USED-FINL CODE 1
DATA CUT OFF 01+34
50 00
00Z17
LFM..
H
587
H
544
H
543
L
531
L
507
L
520
L
530
L
503
120
100

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 17 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+24
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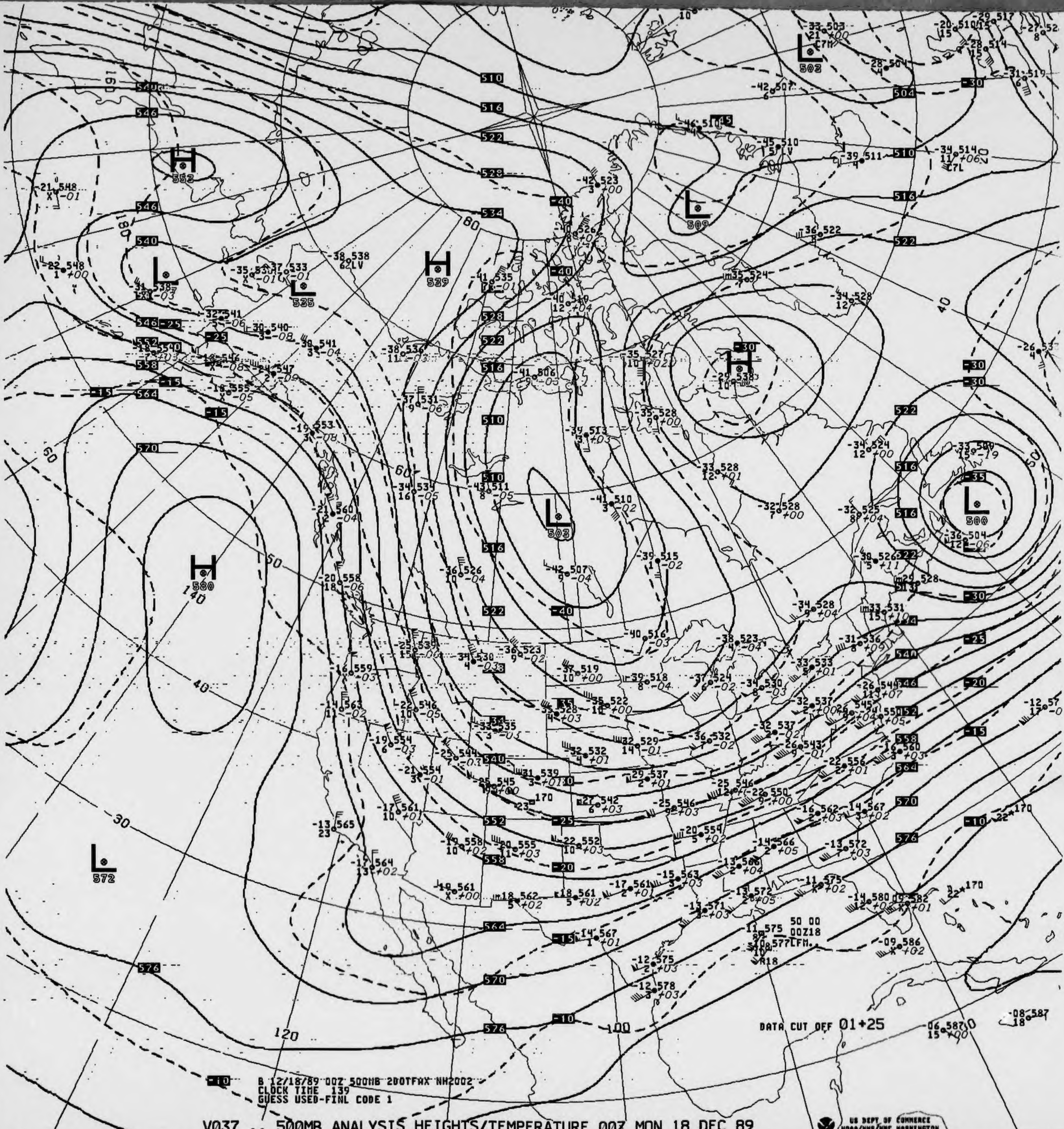
CLOCK TIME 1340
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 17 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
552
L
535
H
539
L
502
L
509
H
538
L
500
L
503
H
580
L
572
DATA CUT OFF 01+25
B 12/18/89 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

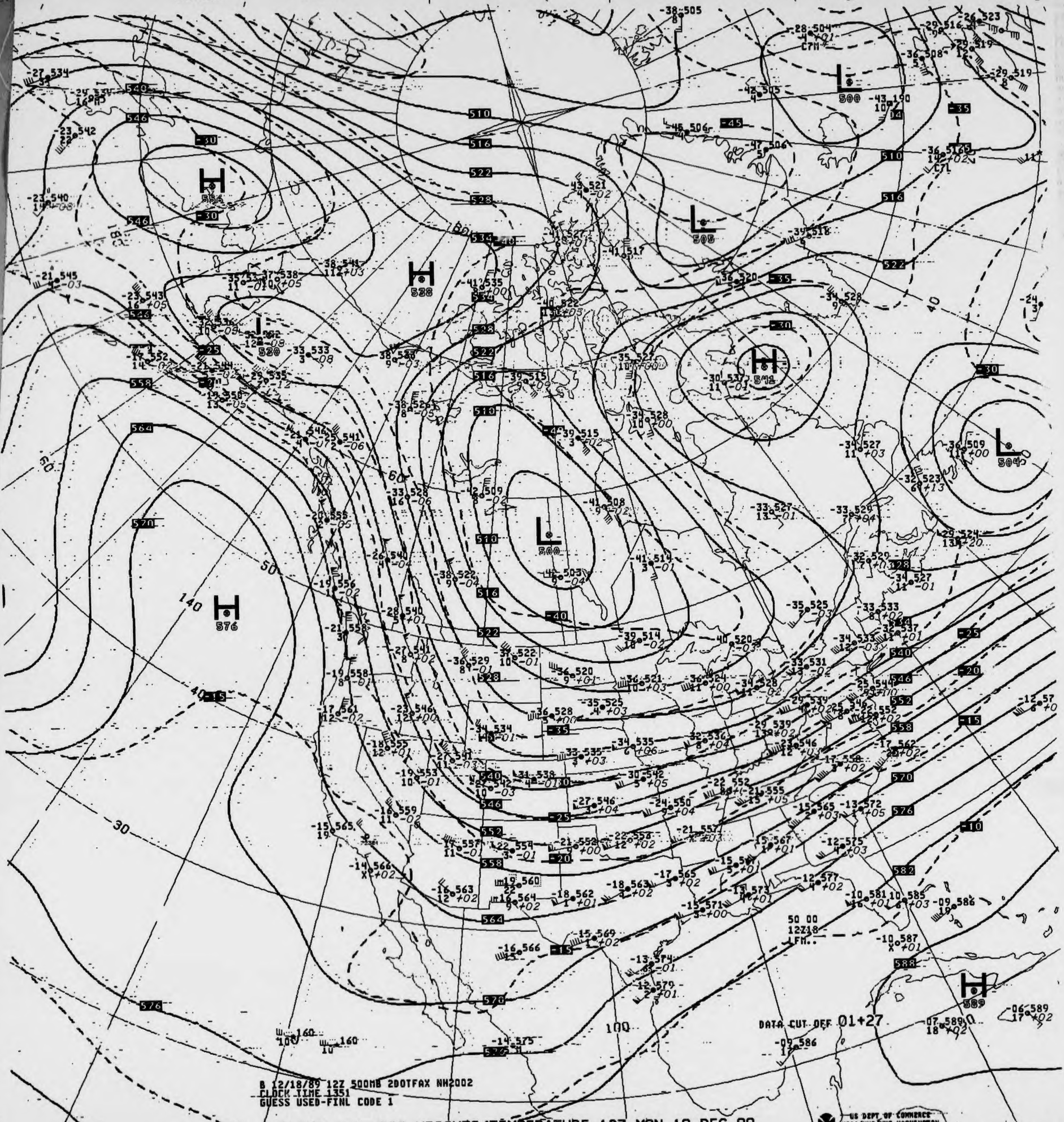
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 18 DEC 89

00MB

-14 564
14

ID
LAT/LONG

72381
34N116W



H 556
H 538
H 576
H 589
H 541
L 520
L 500
L 505
L 500
L 504
510
516
522
528
534
540
546
552
558
564
570
576
582
588
-30
-35
-40
-45
-25
-20
-15
-10
C7M
C7L
DATA CUT OFF 01+27
50 00
12Z18
LFM..
100
140

B 12/18/89 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1

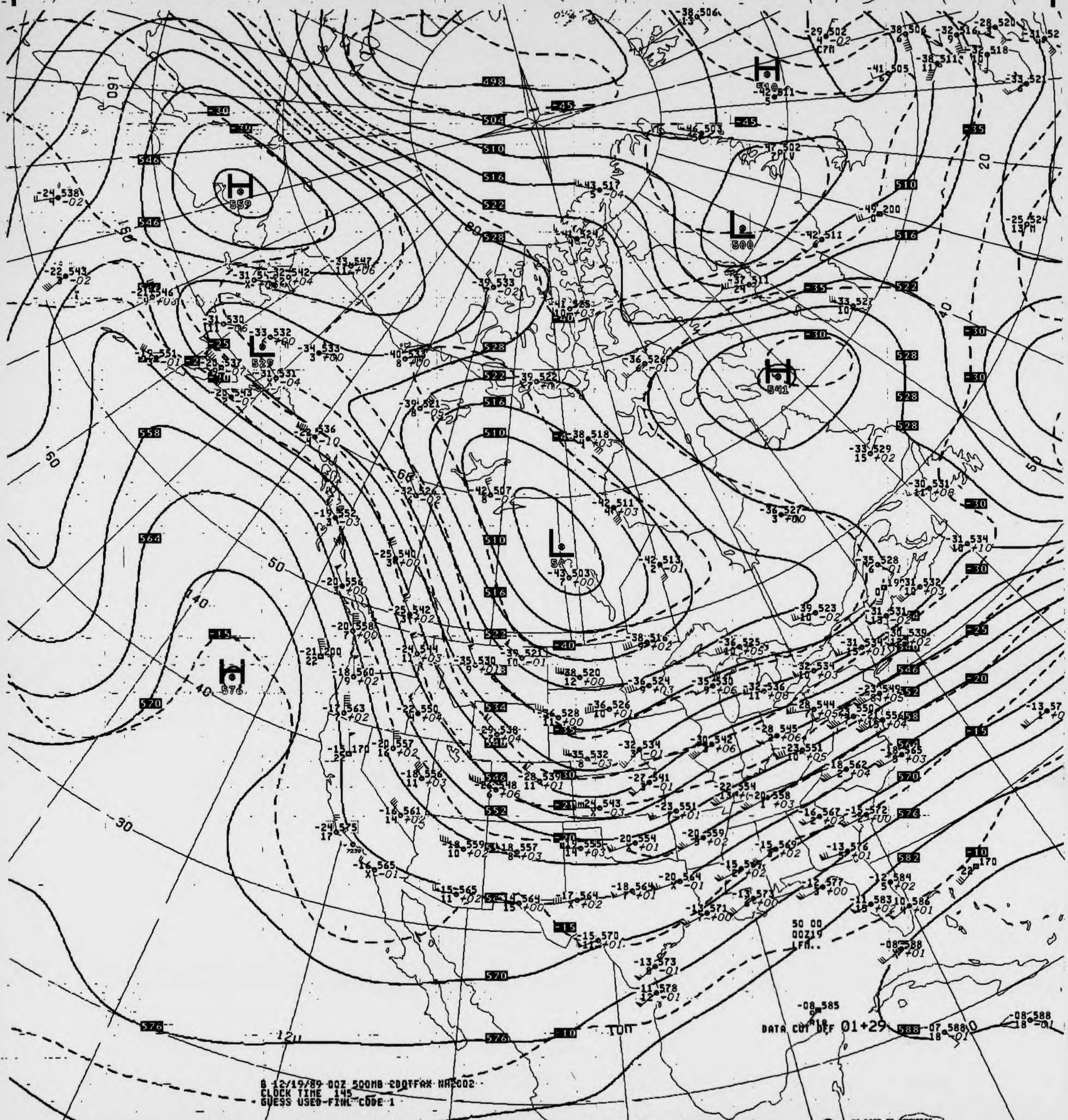
V437 . . . 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 18 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

500MB

-16 564
X

ID 72391
LAT/LONG 34N119W


H 559
L 529
H 510
L 500
H 541
L 50
H 576
498
504
510
516
522
528
534
540
546
552
558
564
570
576
582
588
-45
-40
-35
-30
-25
-20
-15
-10
DATA CUT OFF 01+29
50 00
00Z19
LFM..

B 12/19/89 00Z 500MB 2DOTFAX NA2002
CLOCK TIME 145
GUESS USED-FINL CODE 1

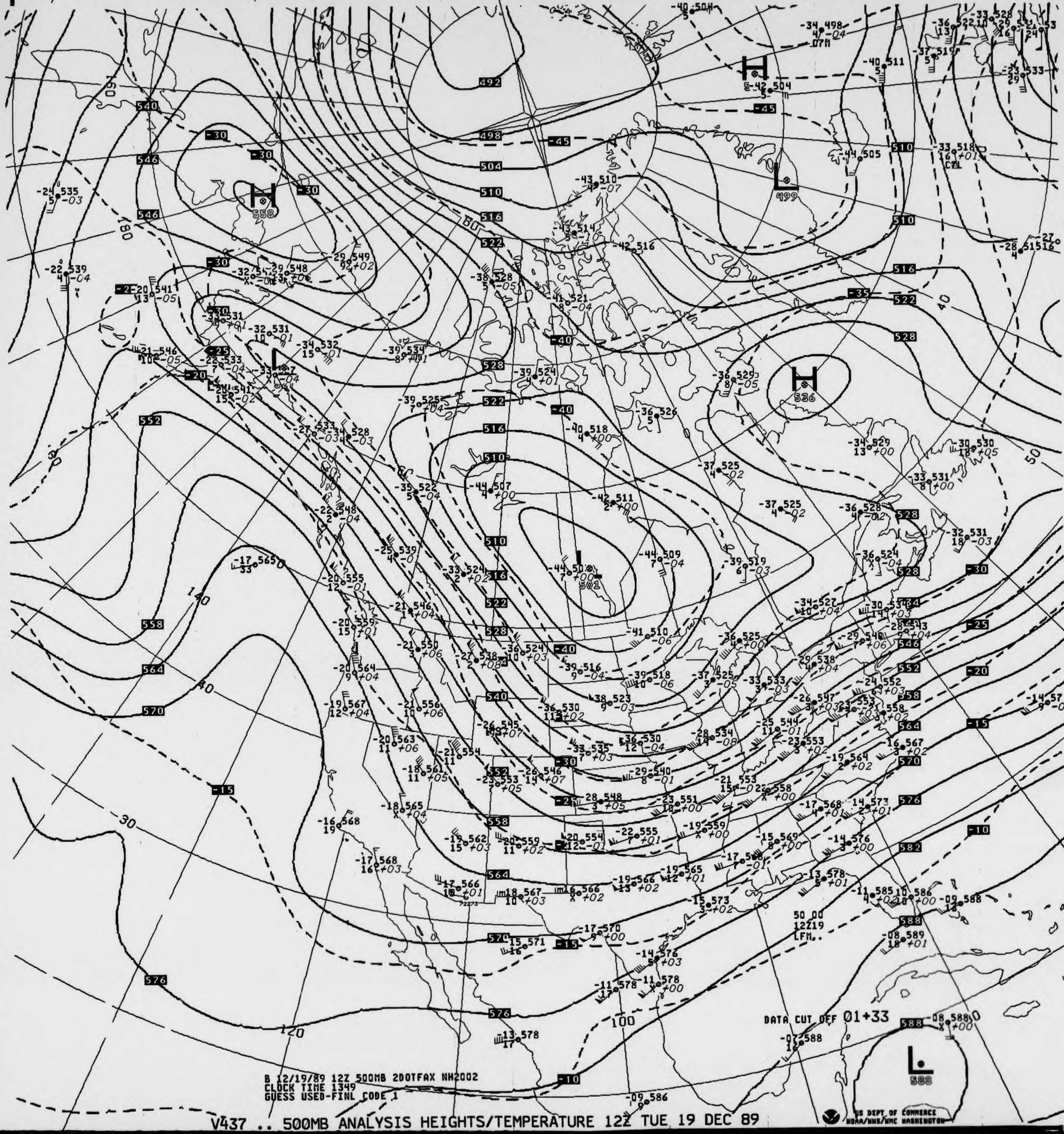
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

500MB

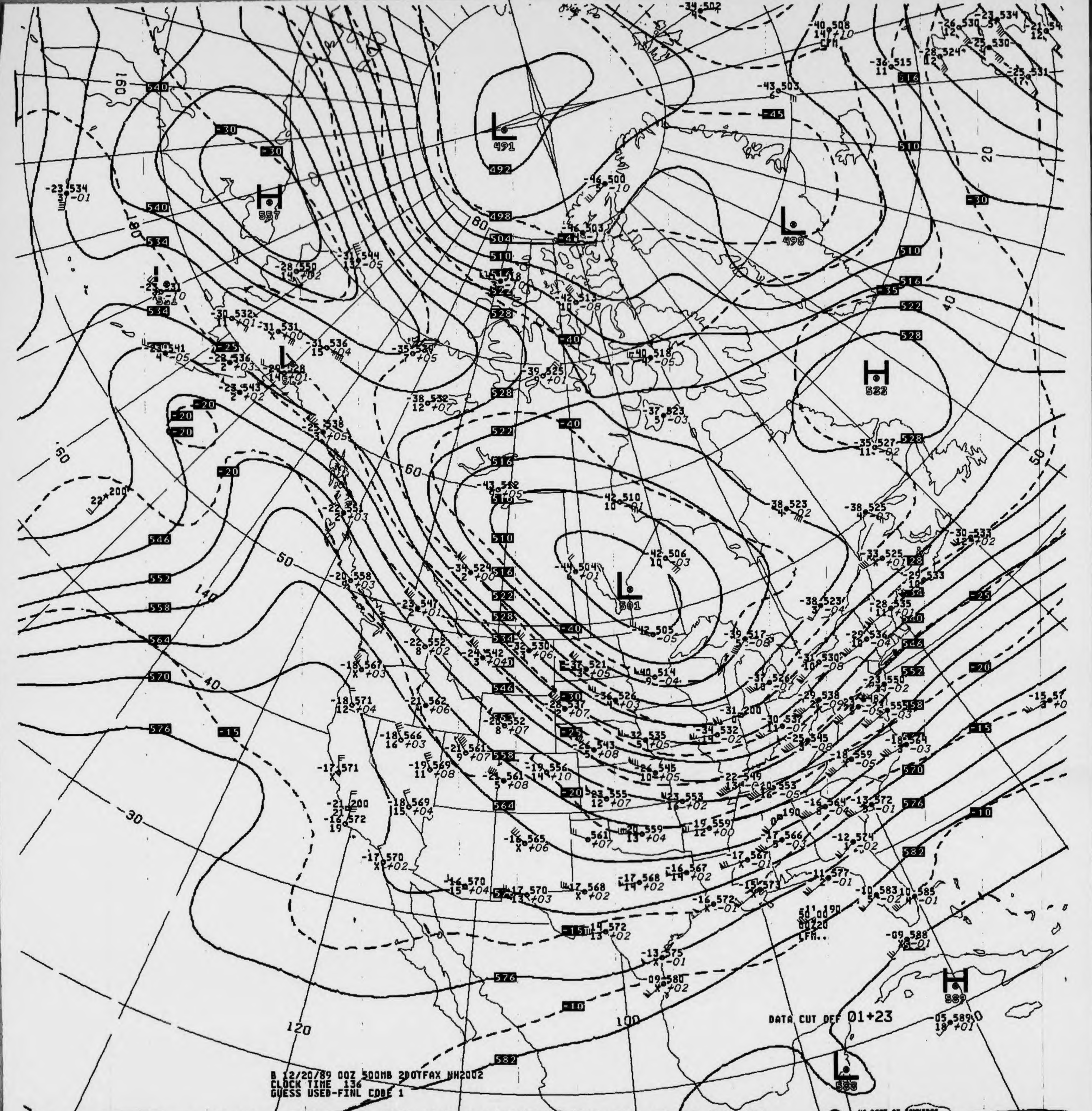
17 566
21

ID 72273
LAT/LONG 31N110W


B 12/19/89 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1349
GUESS USED-FINL CODE 1
DATA CUT OFF 01+33
50 00
12219
LFM
H 558
H 536
L 499
L 501
L 588
492
498
504
510
516
522
528
540
546
552
558
564
570
576
582
588
-45
-40
-35
-30
-25
-20
-15
-10

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 491
H 557
L 498
H 532
L 501
H 589
L 588
DATA CUT OFF 01+23
160
180
140
120
100
80
60
50
40
30
20

B 12/20/89 00Z 500MB 200TFAX NH2002
CLOCK TIME 136
GUESS USED-FINL CODE 1

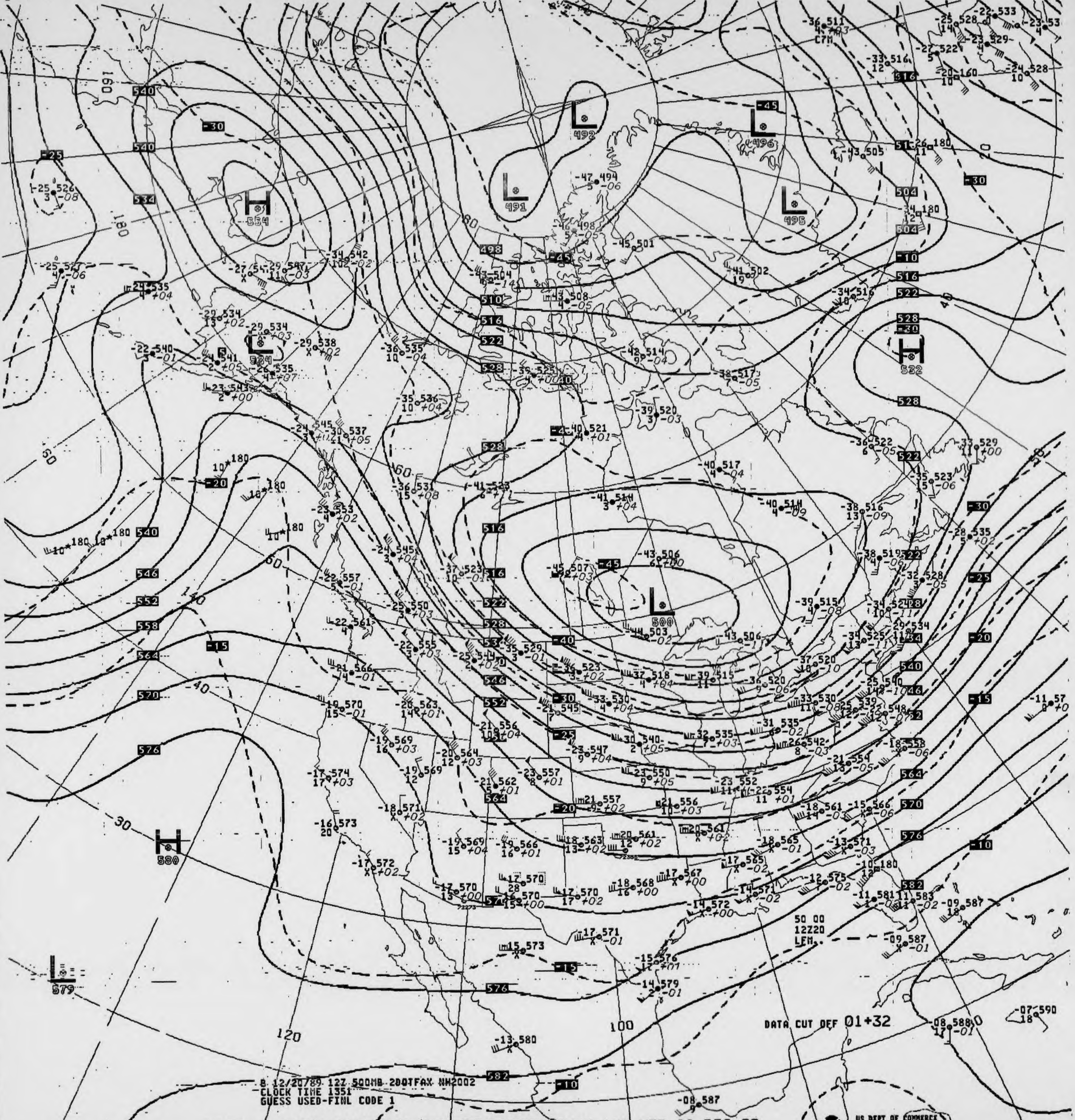
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

500MB

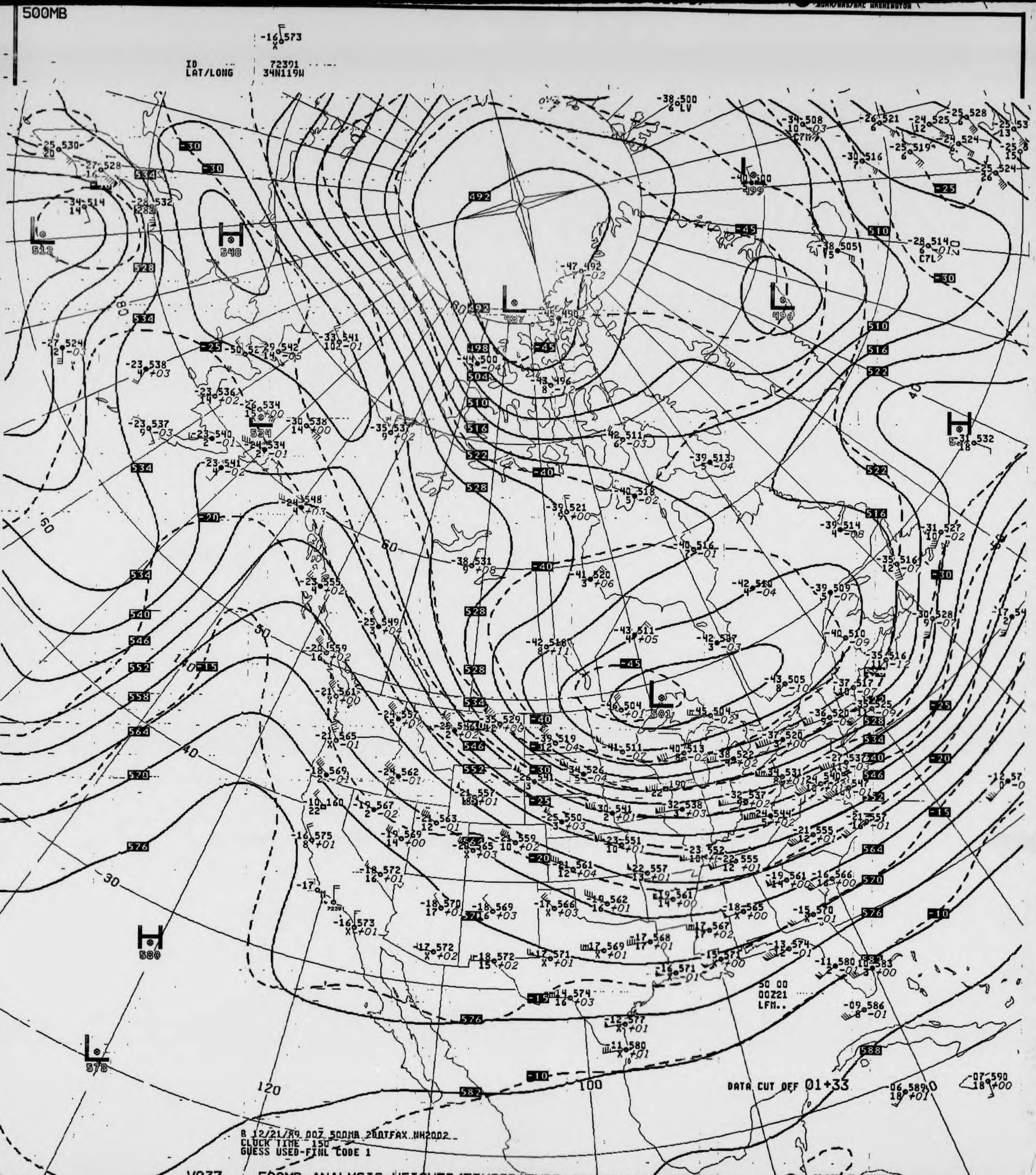
19 563 -17 570
13 19

ID 72355 72273
LAT/LONG 34N098W 31N110W


H
554
L
491
L
492
L
496
L
495
L
524
H
532
L
500
H
580
L
579
H
L
540
534
546
552
558
564
570
576
582
498
504
510
516
522
528
-45
-40
-30
-25
-20
-15
-10
180
160
140
120
100
80
60
40
30
DATA CUT OFF 01+32
50 00
12Z20
LFM
8 12/20/89 12Z 500MB 200TFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


500MB
-16 573
X
ID 72391
LAT/LONG 34N119W
H 548
H 580
H
L 512
L 487
L 499
L 496
L 501
L 578
492
498
504
510
516
522
528
534
540
546
552
558
564
570
576
582
588
-10
-15
-20
-25
-30
-40
-45
DATA CUT OFF 01+33
50 00
00Z21
LFM..
B 12/21/89 00Z 500MB 2001FAX NH2002
CLOCK TIME 150
GUESS USED-FINL CODE 1
NOAA/NWS/NMC WASHINGTON

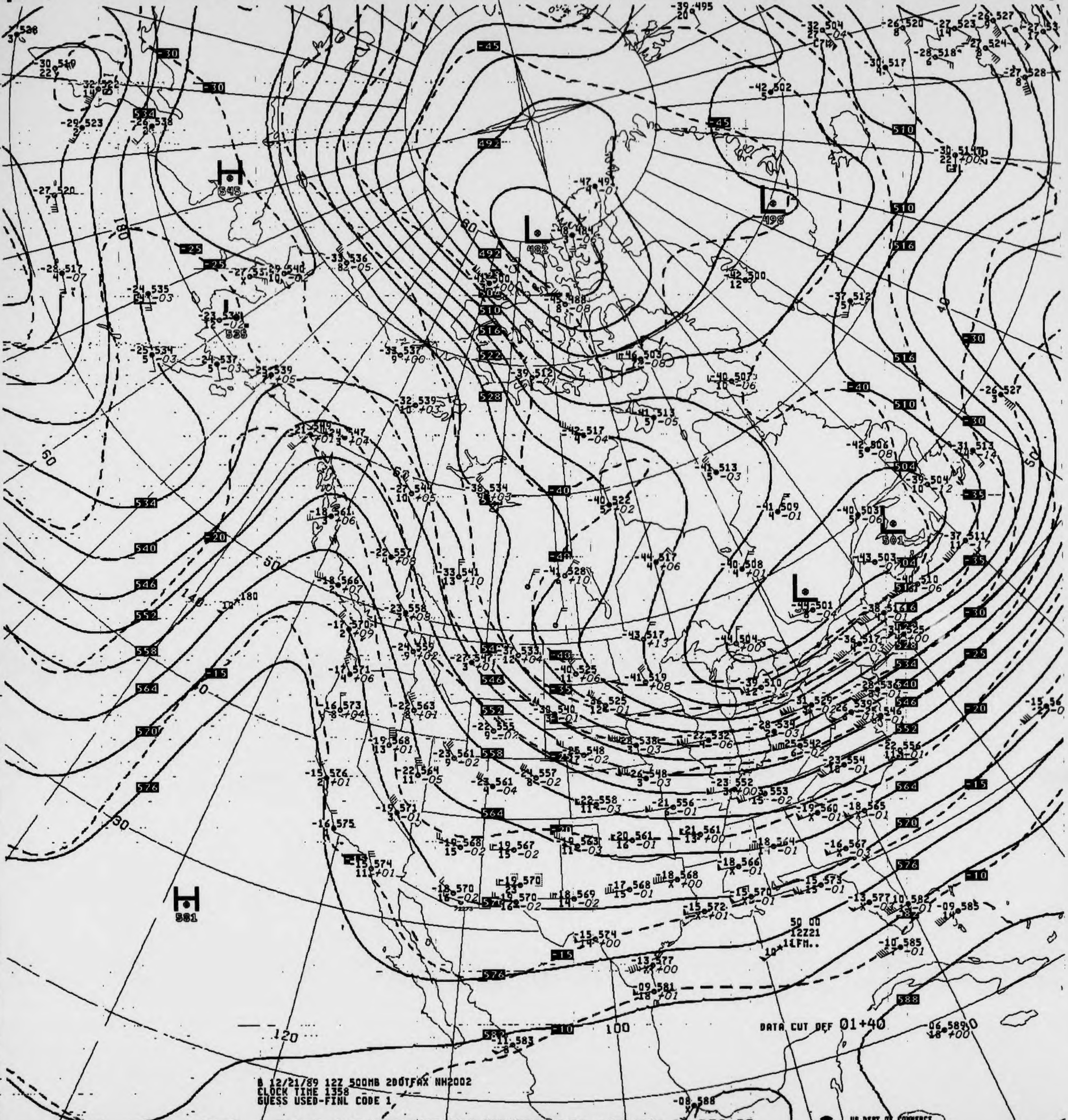
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 21 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

500MB

-17 570
27

ID 72273
LAT/LONG 31N110W

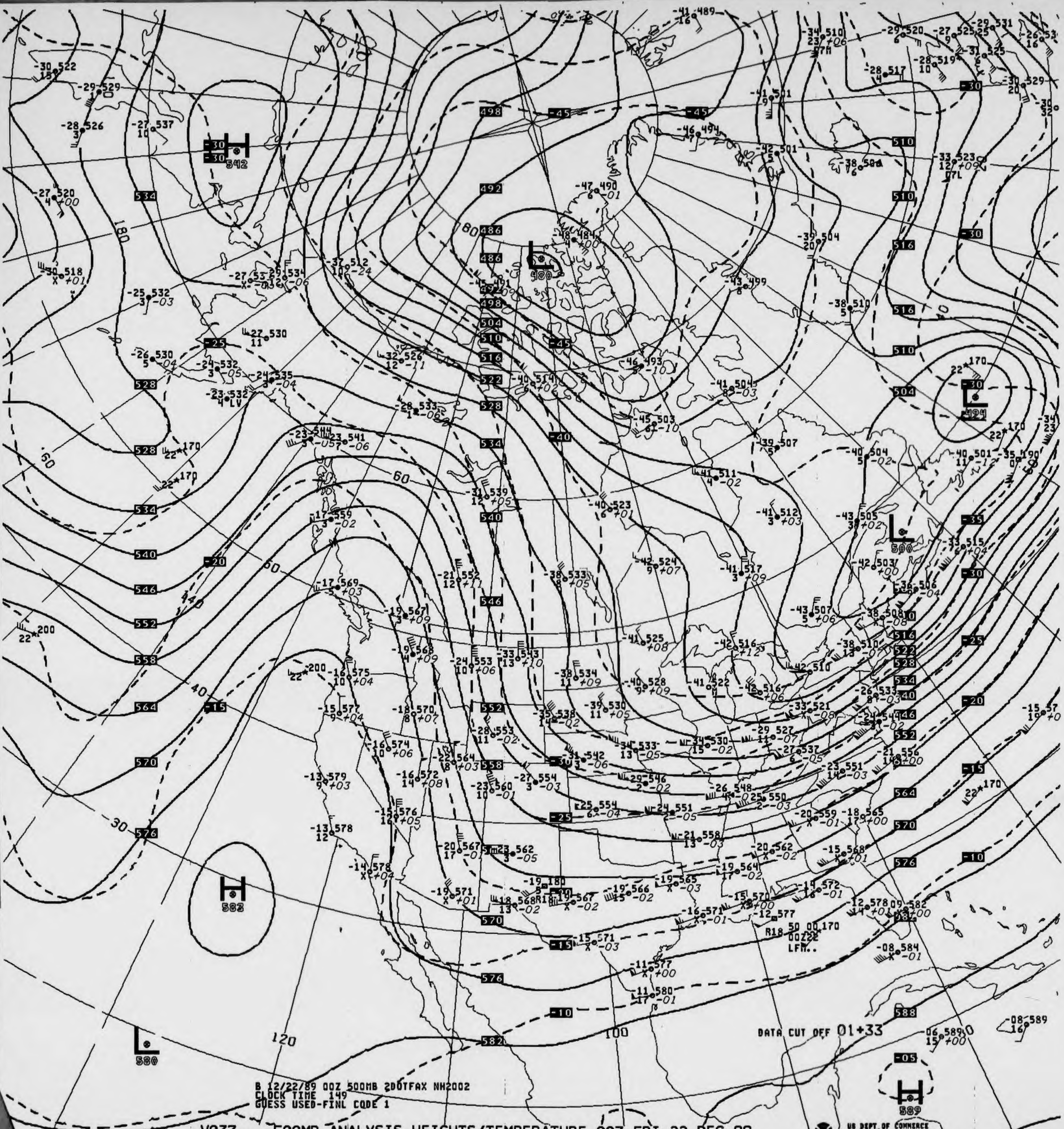

H 545
L 482
L 498
L 535
L 501
L
H 581
-45
-30
-25
-20
-15
-10
-35
-40
492
510
516
522
528
534
540
546
552
558
564
570
576
588
180
140
120
100
60
50
40
30
50 00
12Z21
11FM..

B 12/21/89 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1358
GUESS USED-FINL CODE 1

DATA CUT OFF 01+40

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 21 DEC 89


H 542
L 480
L 494
L 500
H 582
L 580
H 589
498
492
486
504
510
516
522
528
534
540
546
552
558
564
570
576
582
588
-45
-40
-35
-30
-25
-20
-15
-10
-05
DATA CUT OFF 01+33

B 12/22/89 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 149
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 22 DEC 89

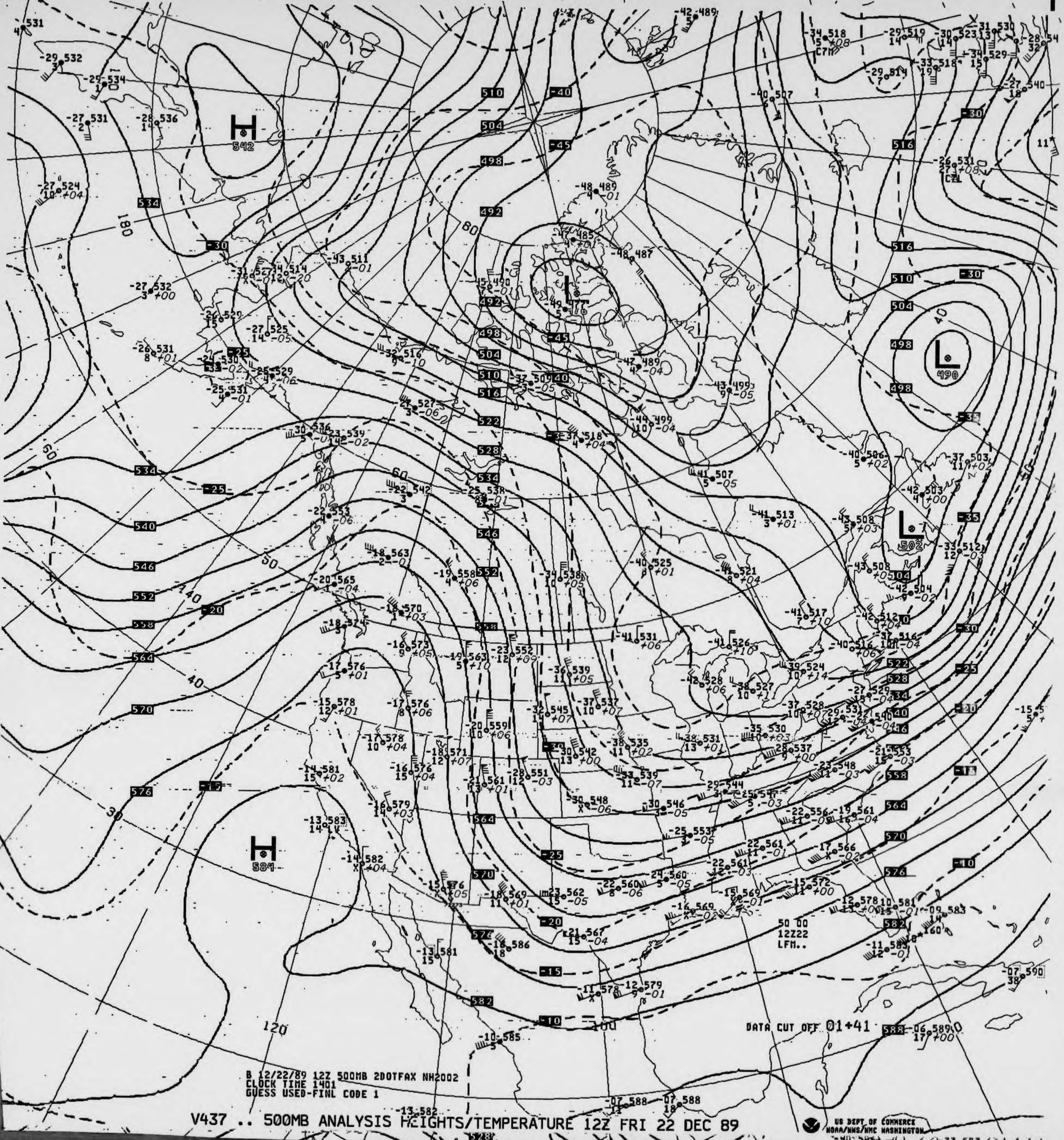
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

500MB

-15 576
28

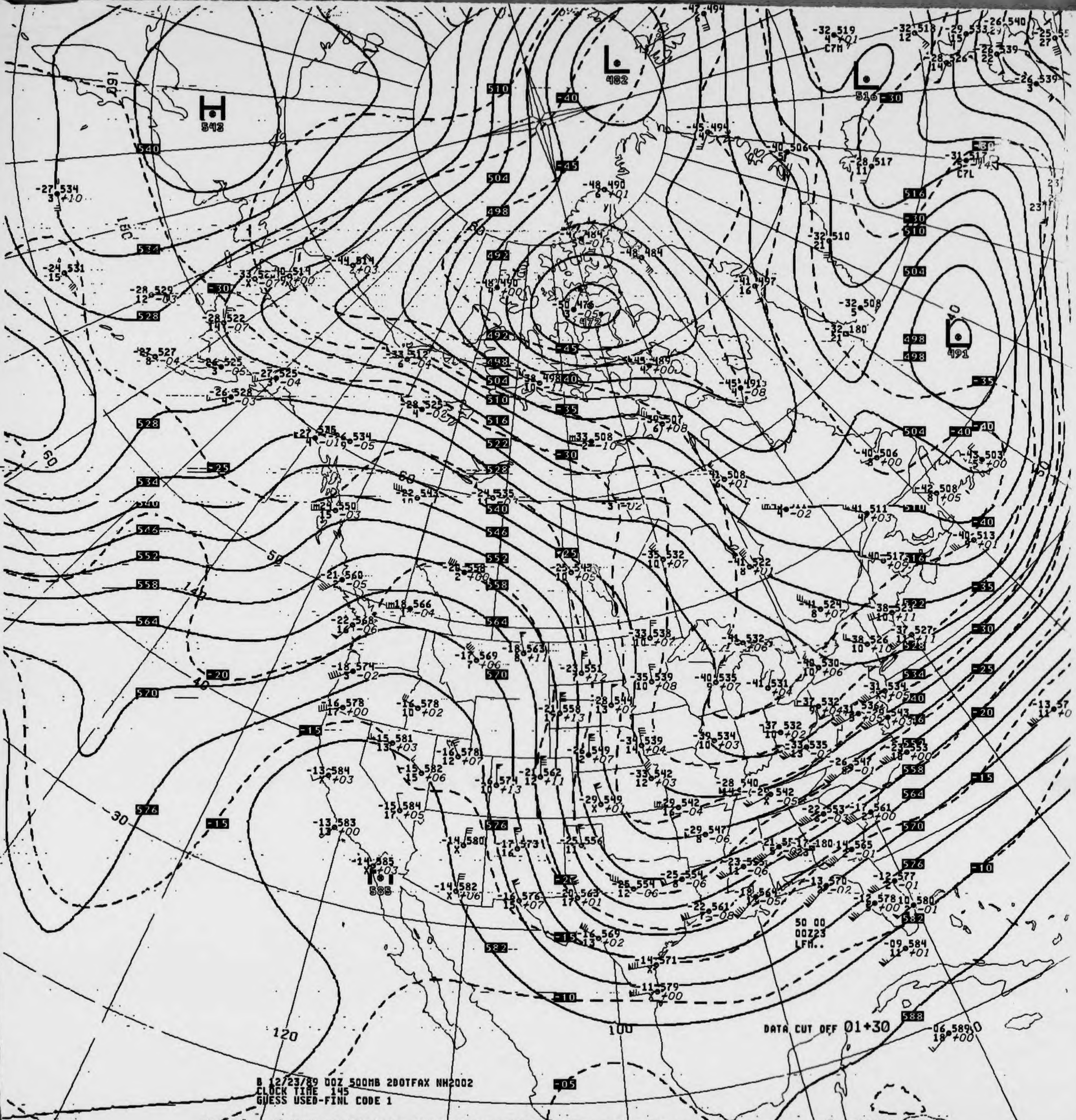
ID
LAT/LONG

72273
31N110W


H
542
L
476
L
490
L
502
H
584
180
80
60
50
40
30
140
120
100
B 12/22/89 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1401
GUESS USED-FINL CODE 1
DATA CUT OFF 01+41
50 00
12Z22
LFM..

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 22 DEC 89

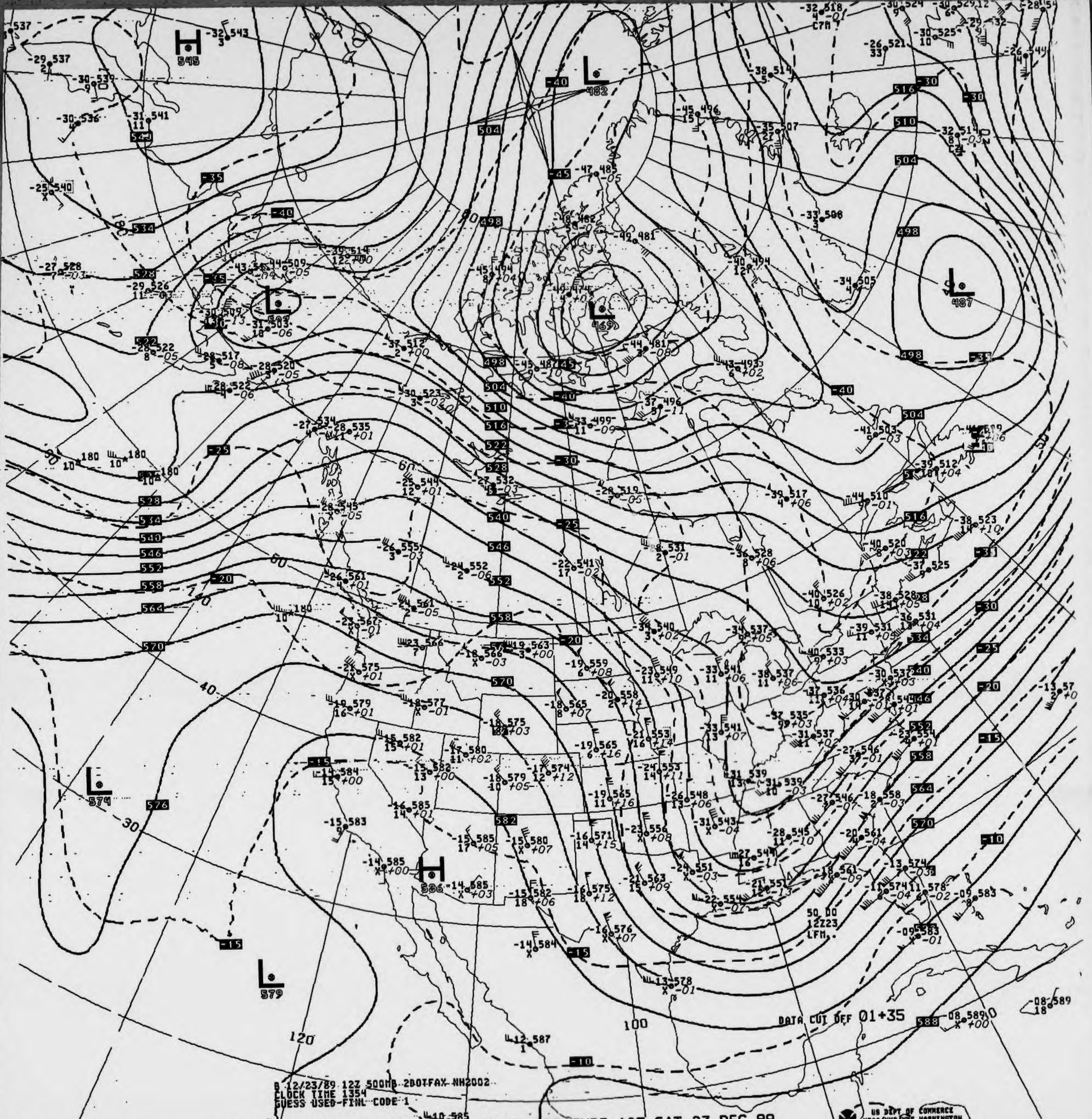
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 543
L 482
L 516
L 491
H 585
DATA CUT OFF 01+30
50 00
00Z23
LFM..

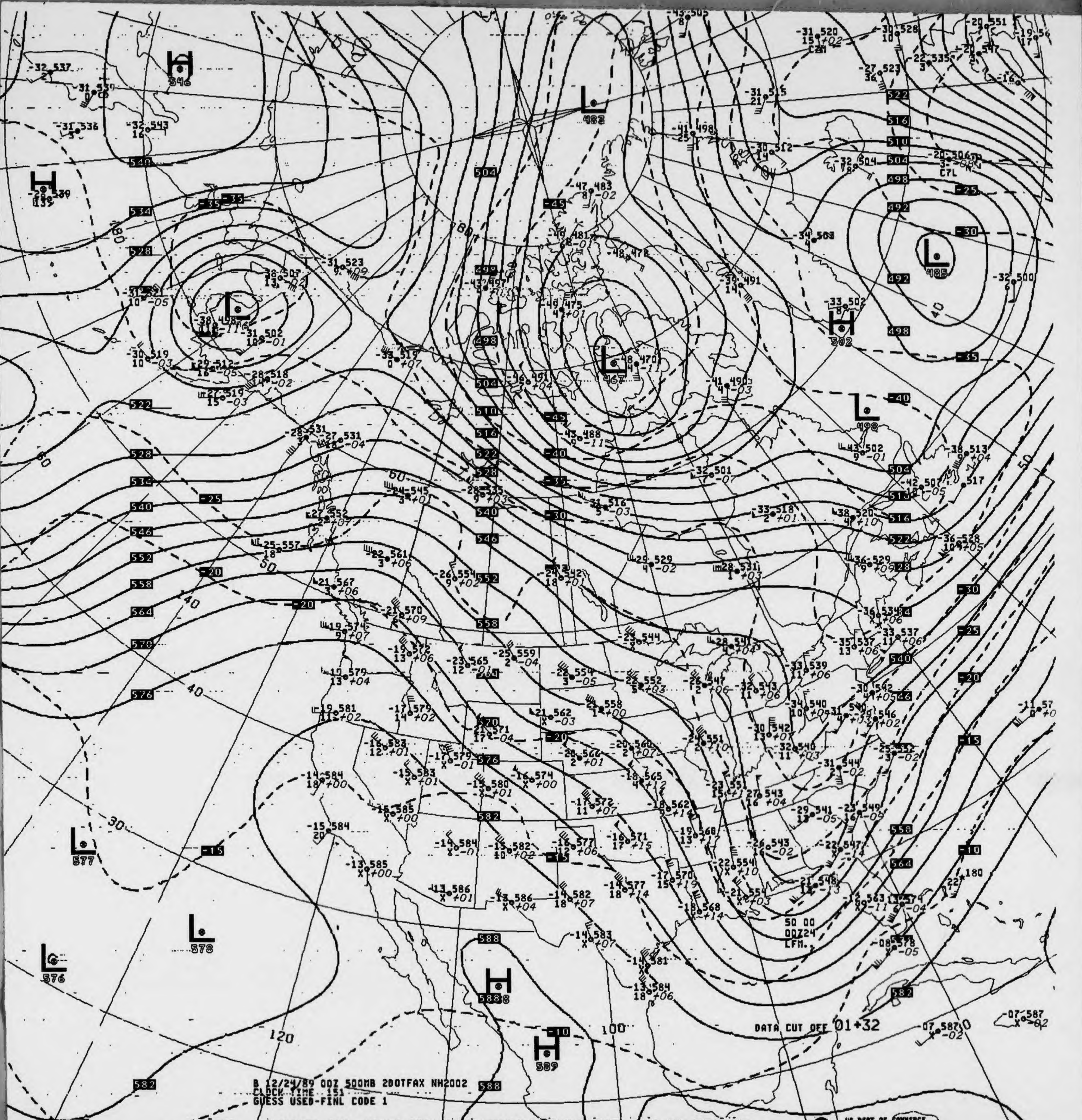
B 12/23/89 00Z 500MB 200TFAX NH2002
CLOCK TIME 145
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

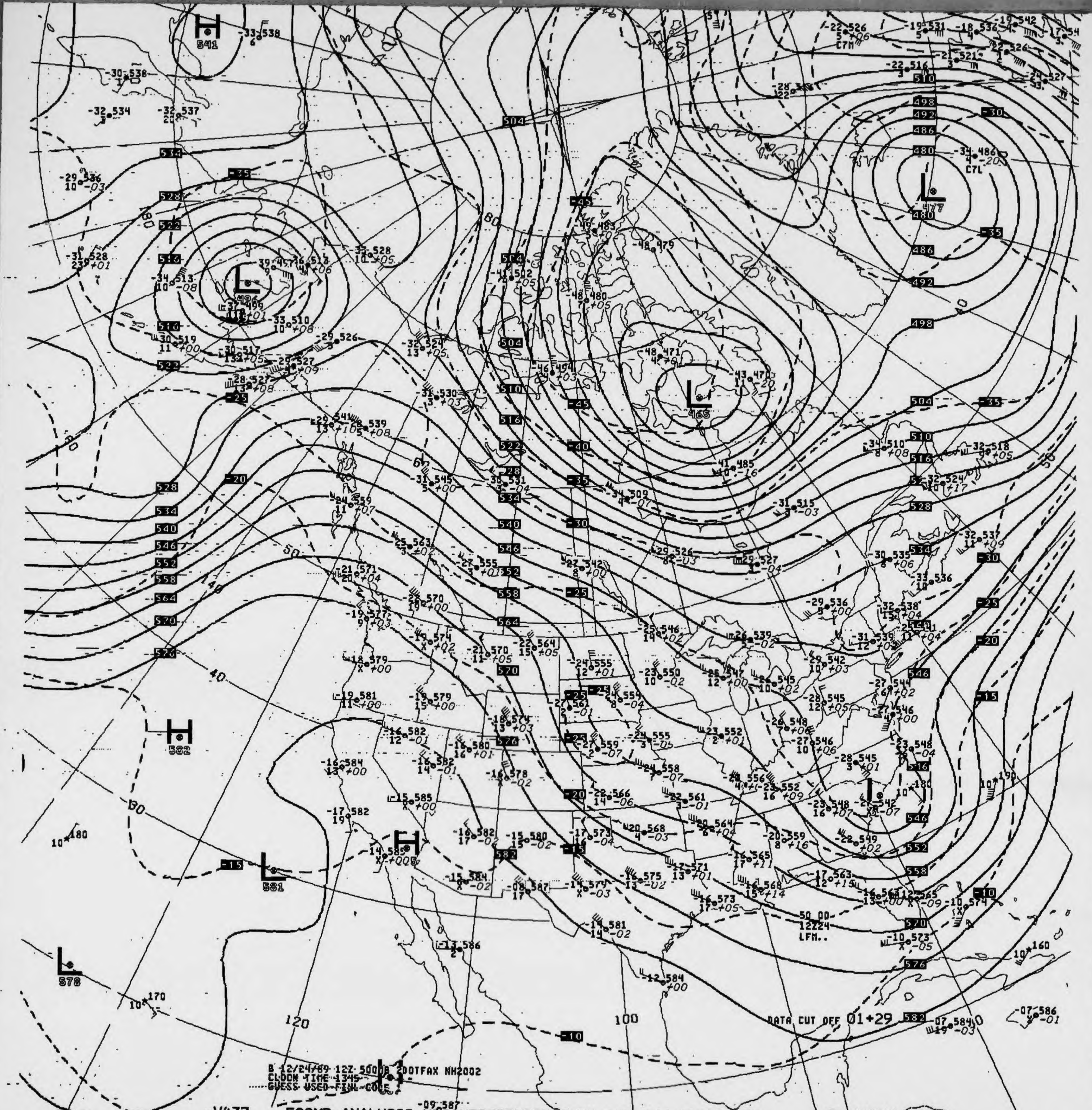

H 545
L 482
L 469
L 487
L 503
L 579
L 579
H 586
504
498
510
516
522
528
534
540
546
552
558
564
570
576
582
588
-15
-20
-25
-30
-35
-40
-45
DATA CUT OFF 01+35
50 DO
12Z23
LFM
B 12/23/89 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1354
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 23 DEC 89


B 12/24/89 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1
DATA CUT OFF 01+32
50 00
00Z24
LFM.
H
546
L
482
L
467
L
485
H
502
L
498
L
577
L
578
L
576
H
5888
H
589

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 24 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



DATA CUT OFF 01+29
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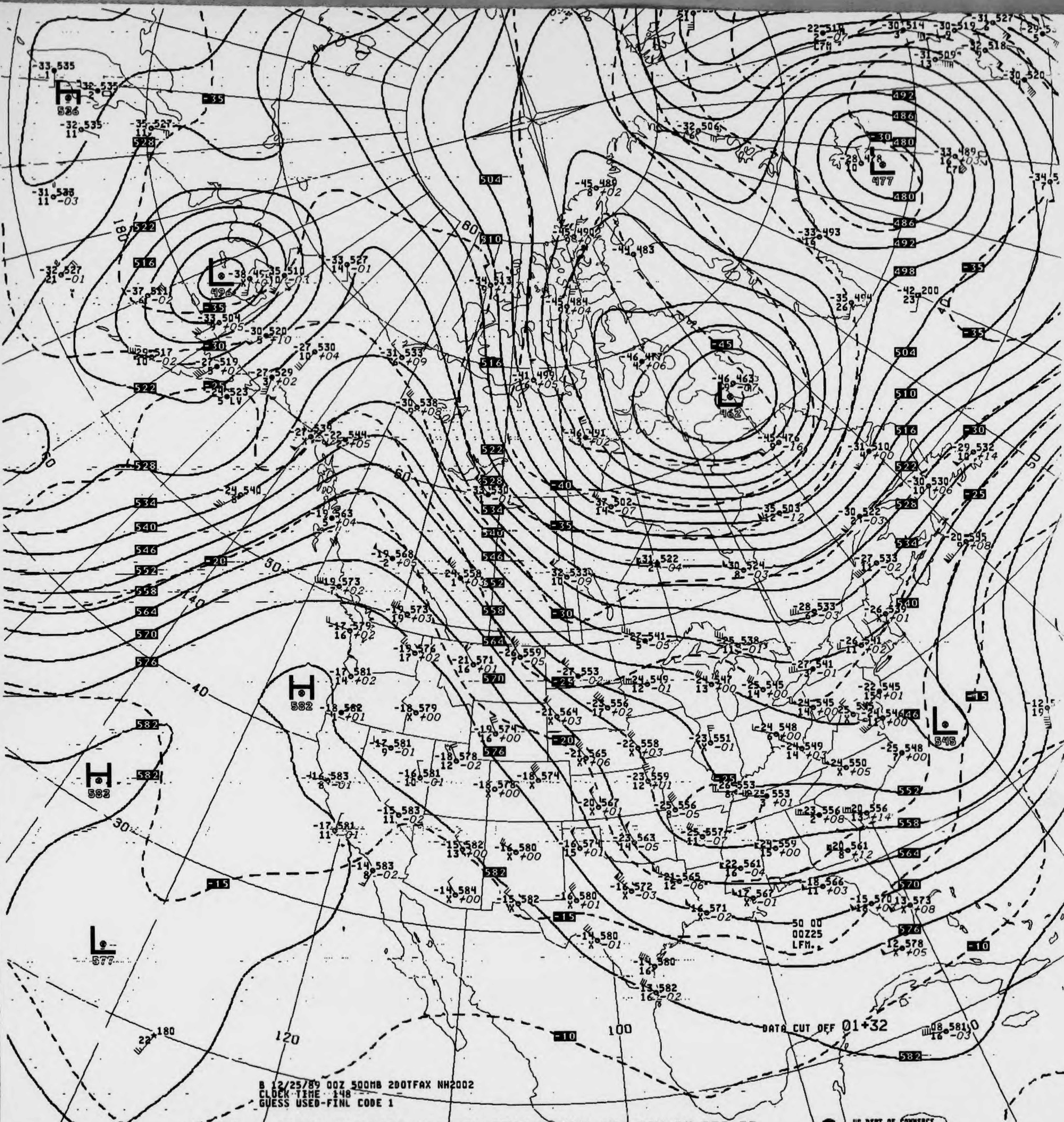
12Z24
LFM..
B 12/24/89 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1345
GUESS USED FNL CODE

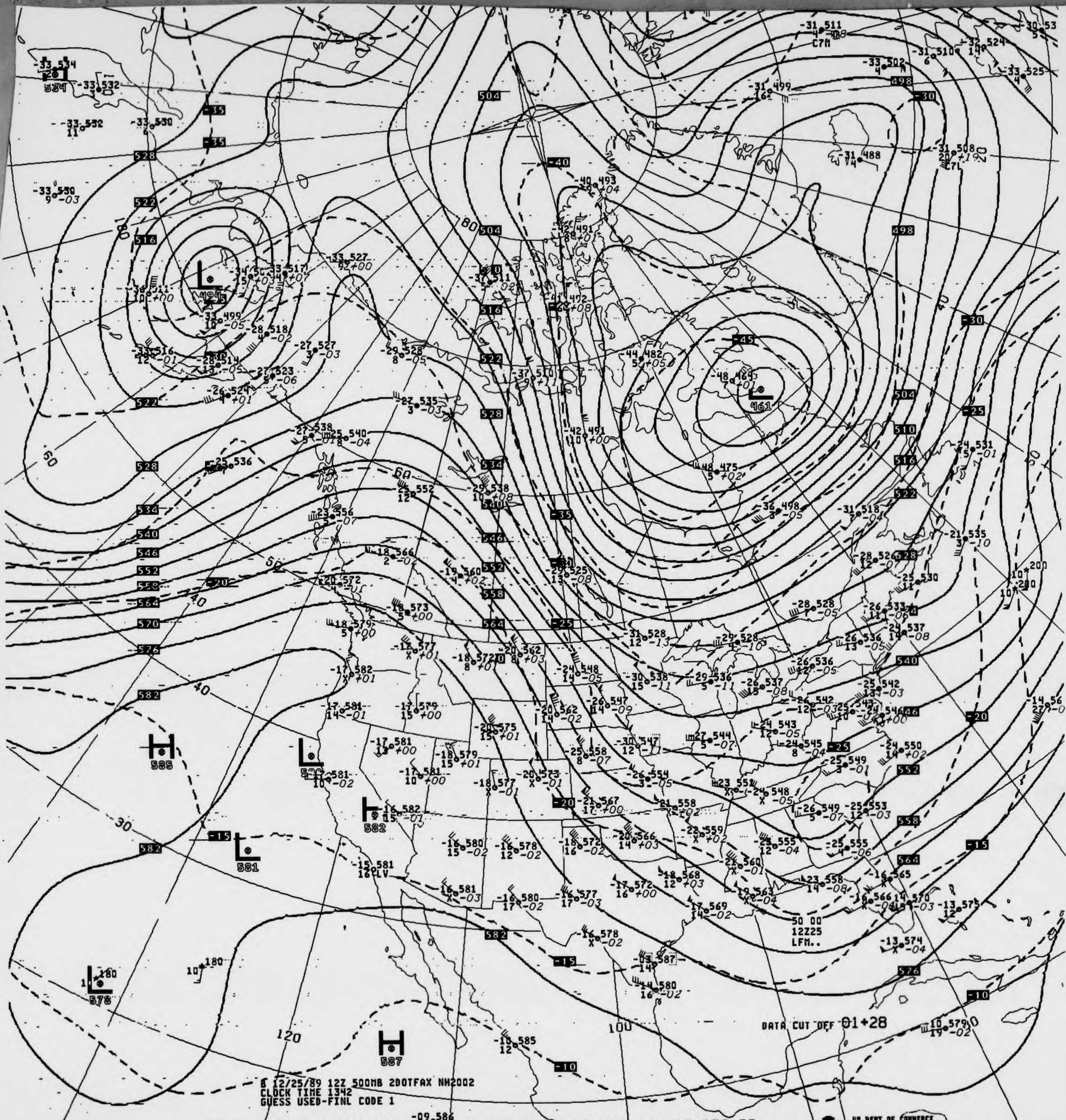
V437 ..500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 24-DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 536
L 496
L 477
L 462
H 582
H 582
L 545
L 577
50 00
00Z25
LFM.
DATA CUT OFF 01+32
180
120
100
492
486
480
498
504
510
516
522
528
534
540
546
552
558
564
570
576
582
-35
-30
-25
-20
-15
-10
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 12/25/89 00Z 500MB 200TFAX NH2002
CLOCK TIME 148
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 25 DEC 89


6 12/25/89 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1342
GUESS USED-FINL CODE 1
DATA CUT OFF 01+28
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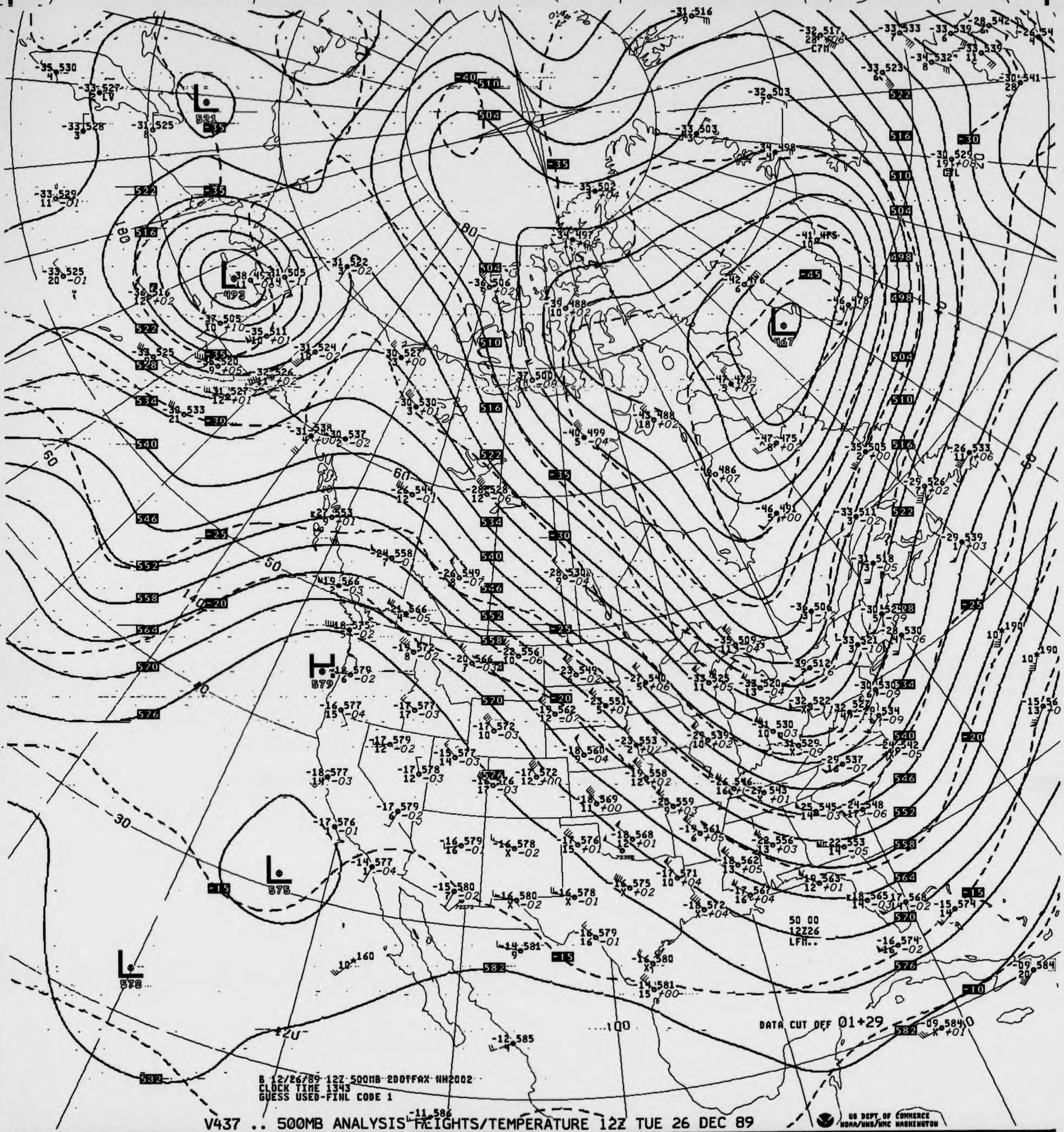
12Z25
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 25 DEC 89

500MB

-17 573 -15 579
16 9

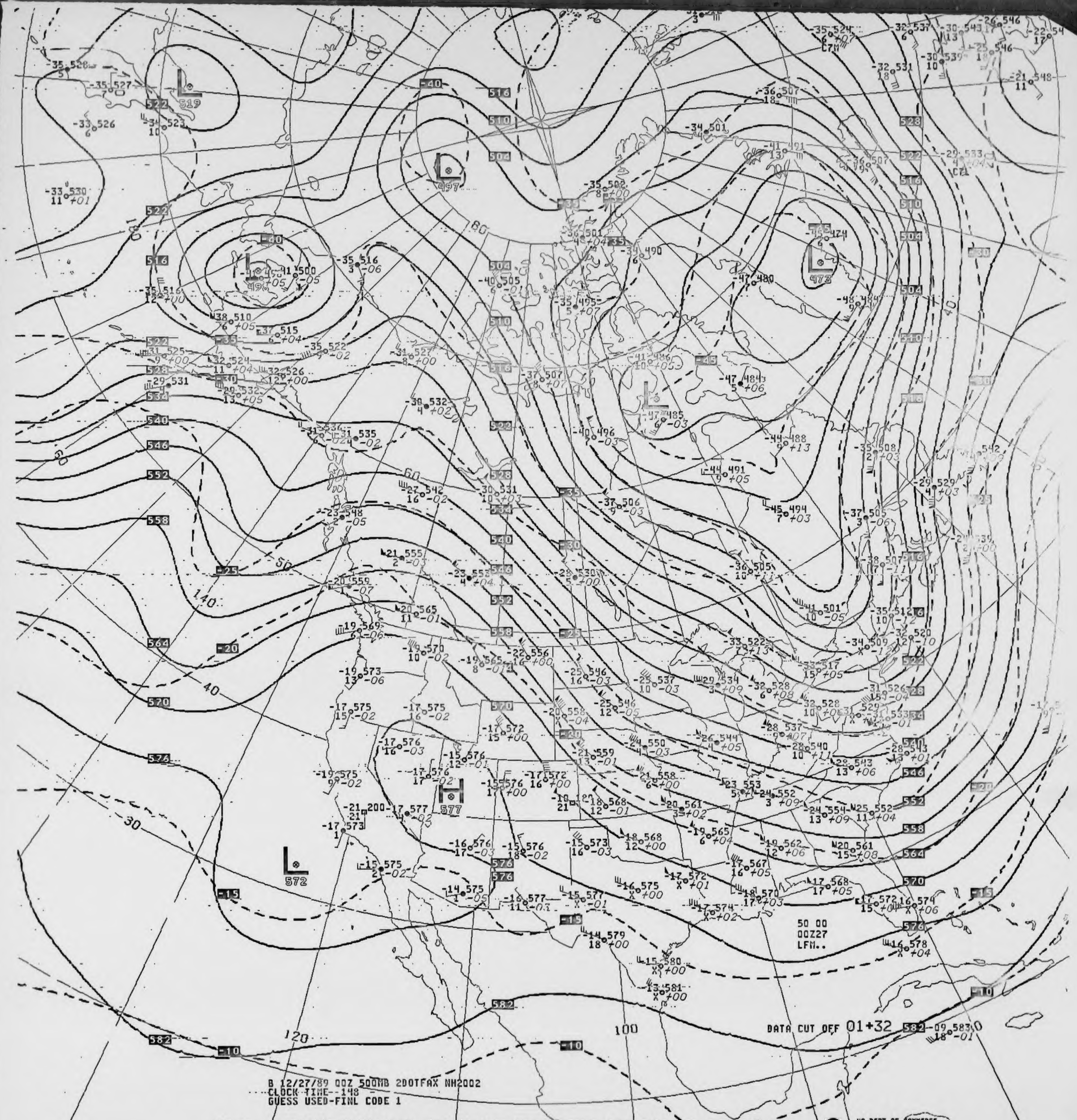
ID 72355 72273
LAT/LONG 34N098W 31N110W


DATA CUT OFF 01+29
50 00
12Z26
LFM..
L 521
L 492
L 467
H 579
L 575
L 578
510
504
516
522
528
534
540
546
552
558
564
570
576
582
-35
-30
-25
-20
-15
-10
-45
-40
...100

B 12/26/89 12Z 500MB 200TFAX NH2002
CLOCK TIME 1343
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 26 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/27/89 00Z 500MB 2D0TFAX NH2002
CLOCK TIME--148
GUESS USED-FINL CODE 1
DATA CUT OFF 01+32
50 00
00Z27
LFM..
L 519
L 497
L 496
L 473
H 577
L 572
140
120
100
80
60
50
40
30

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 27 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

500MB

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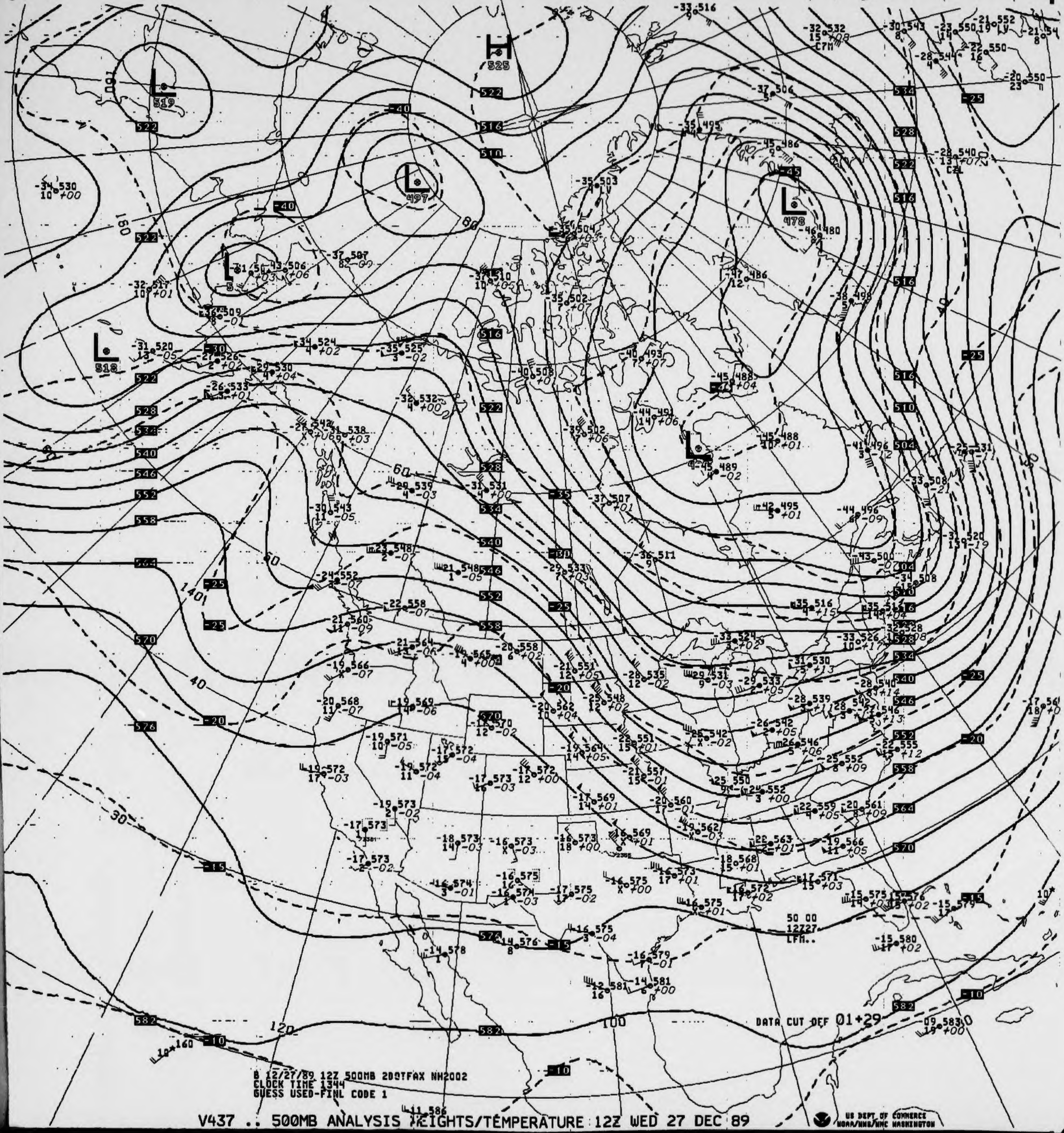
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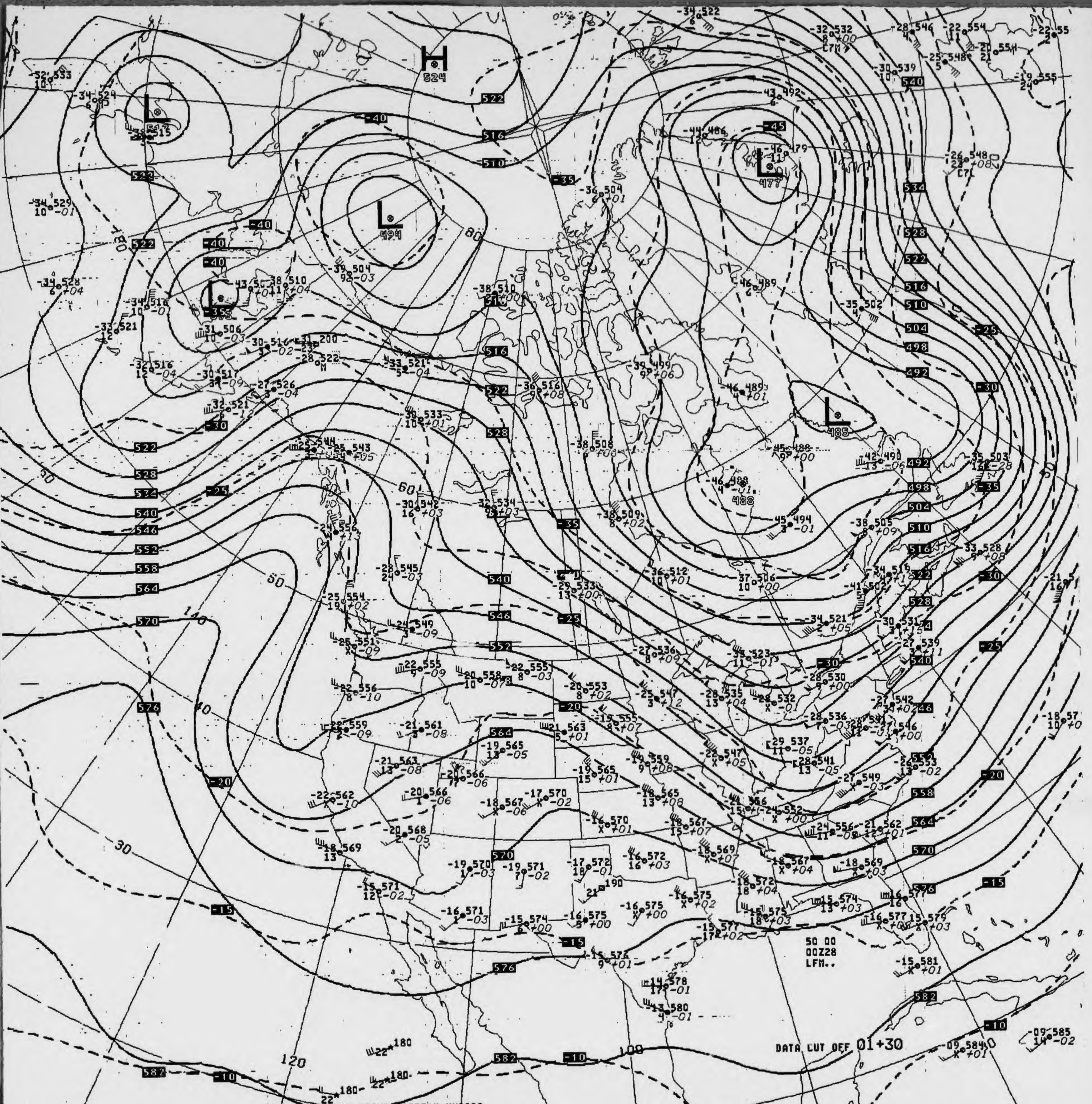
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 27 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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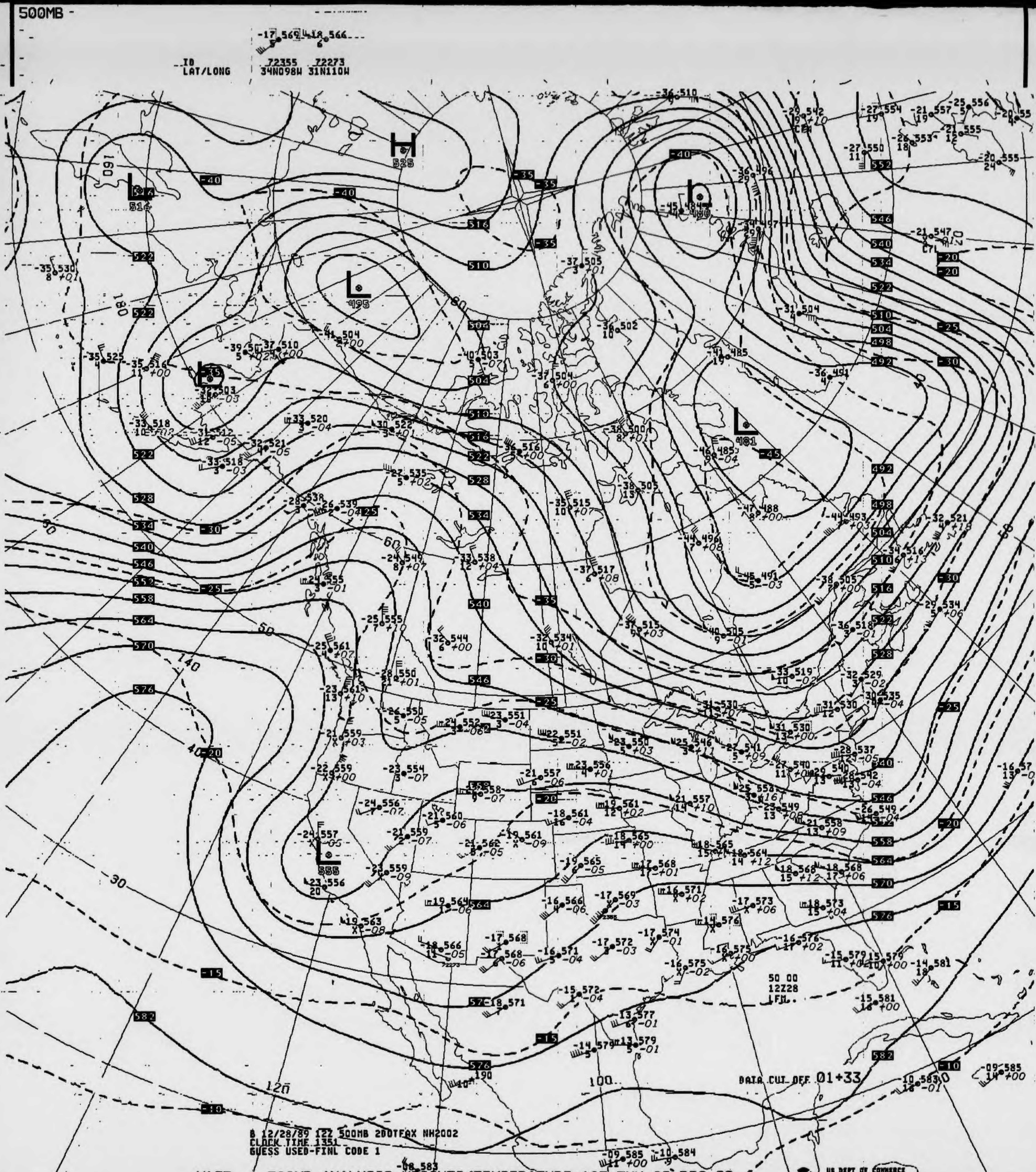
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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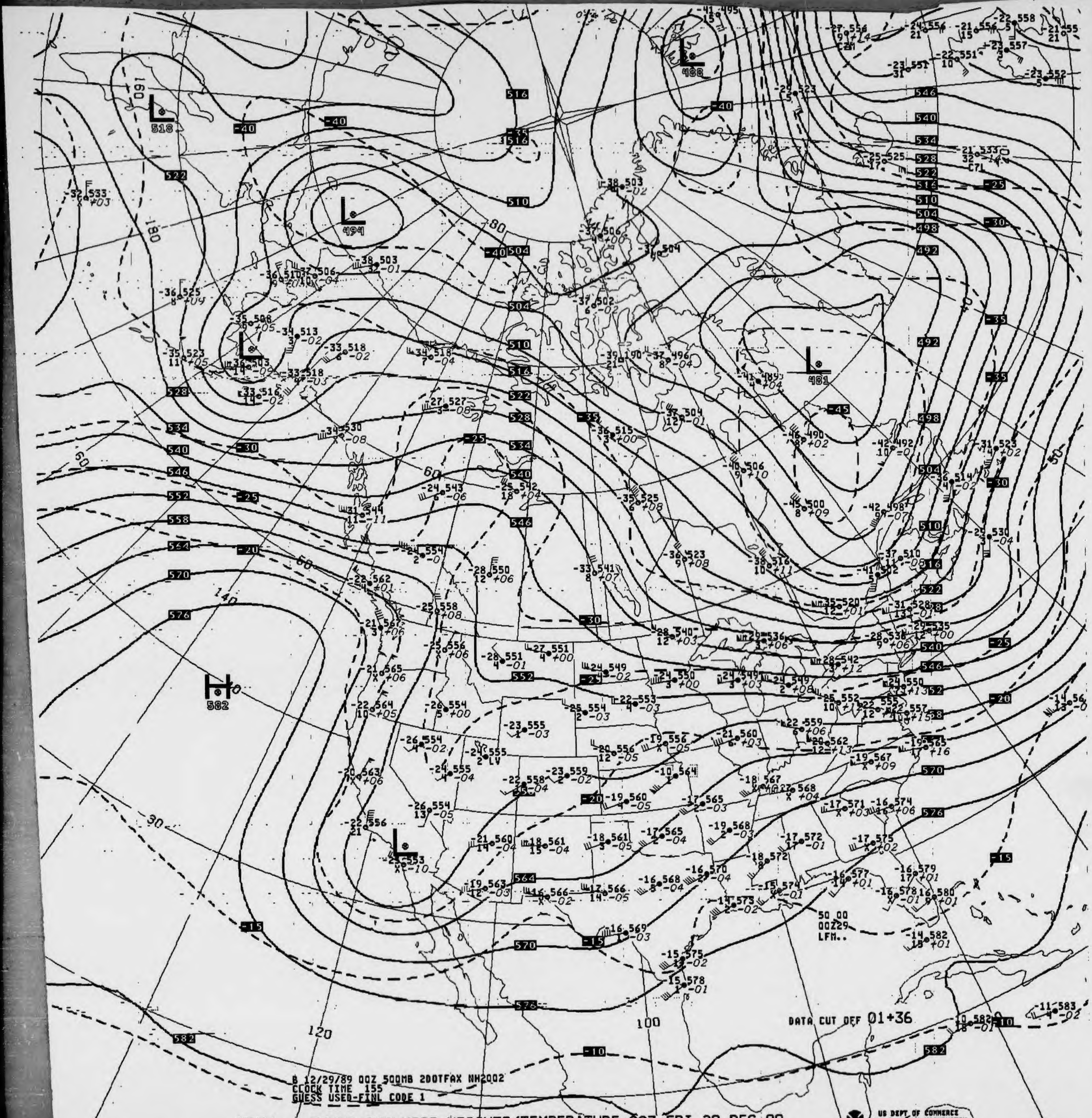
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

500MB

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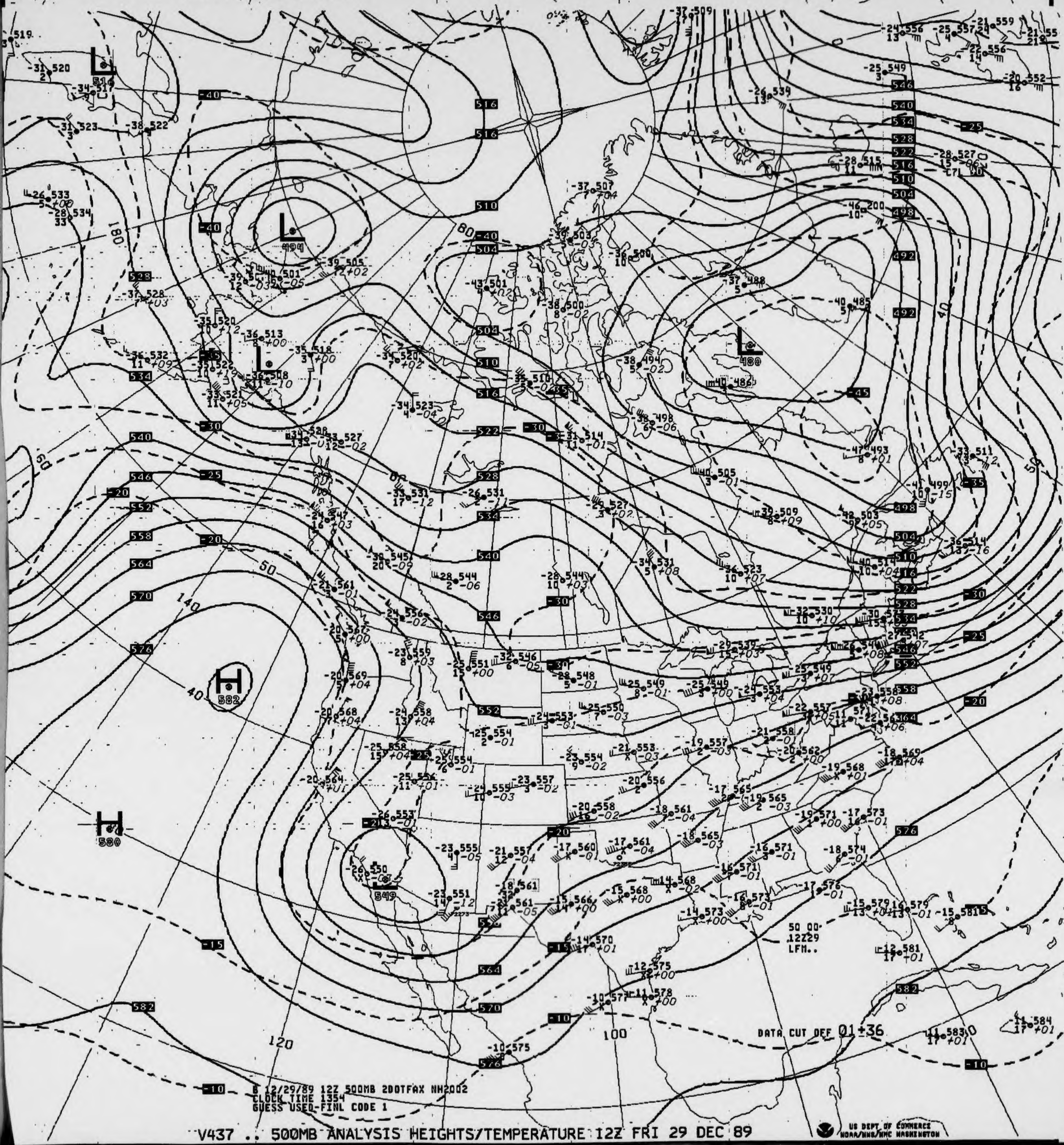

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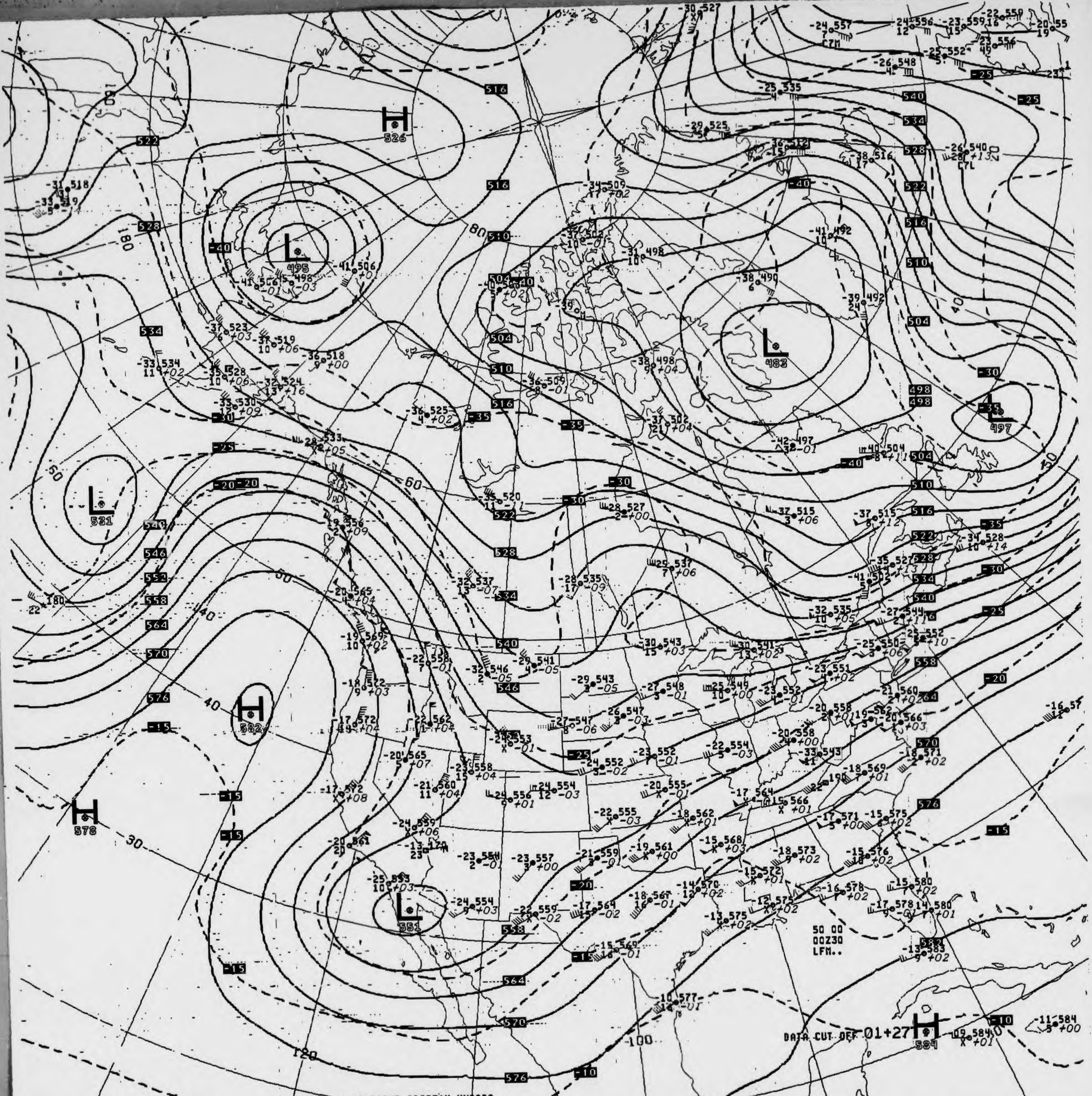
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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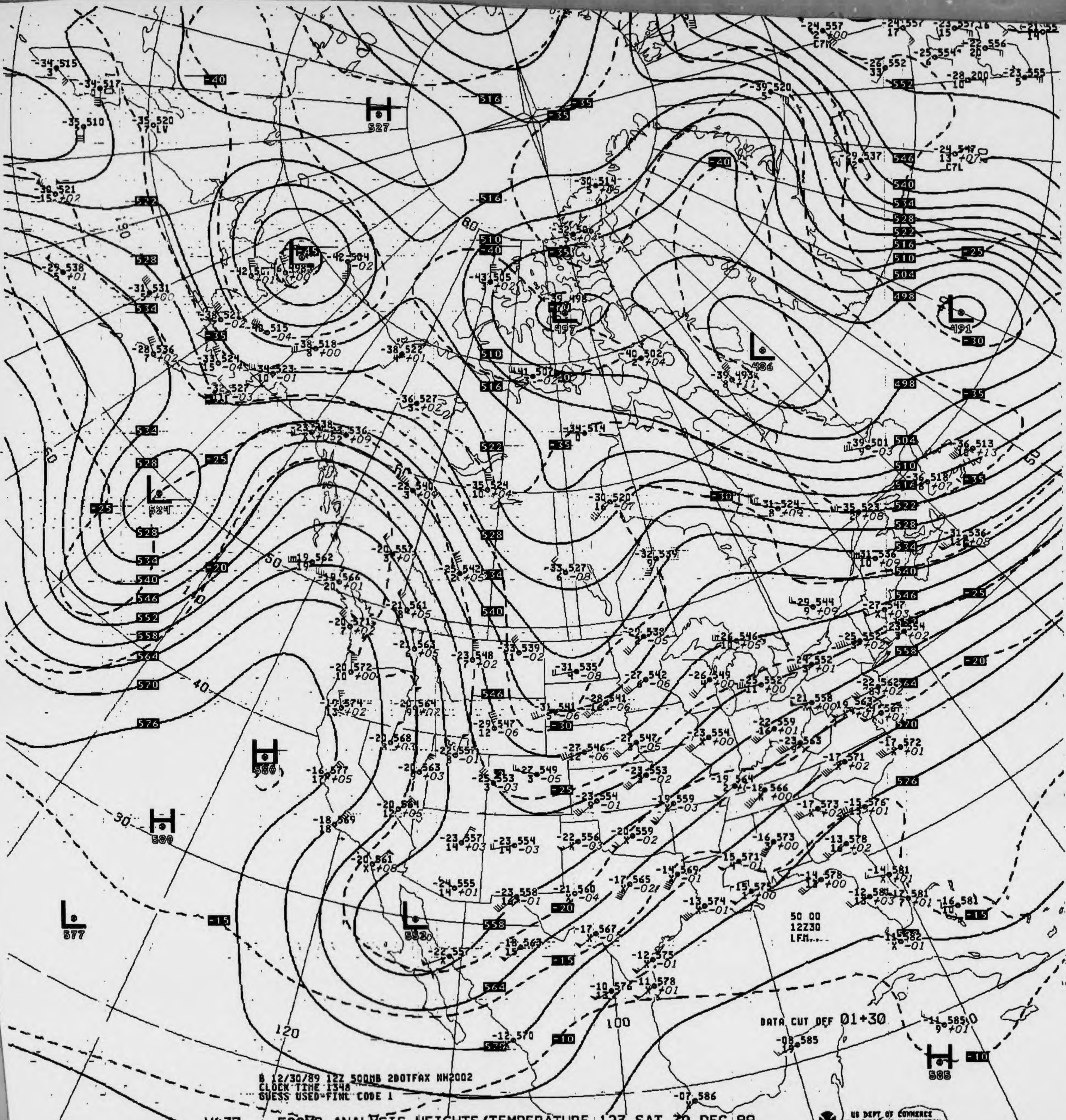
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 1348
GUESS USED-FINL CODE 1
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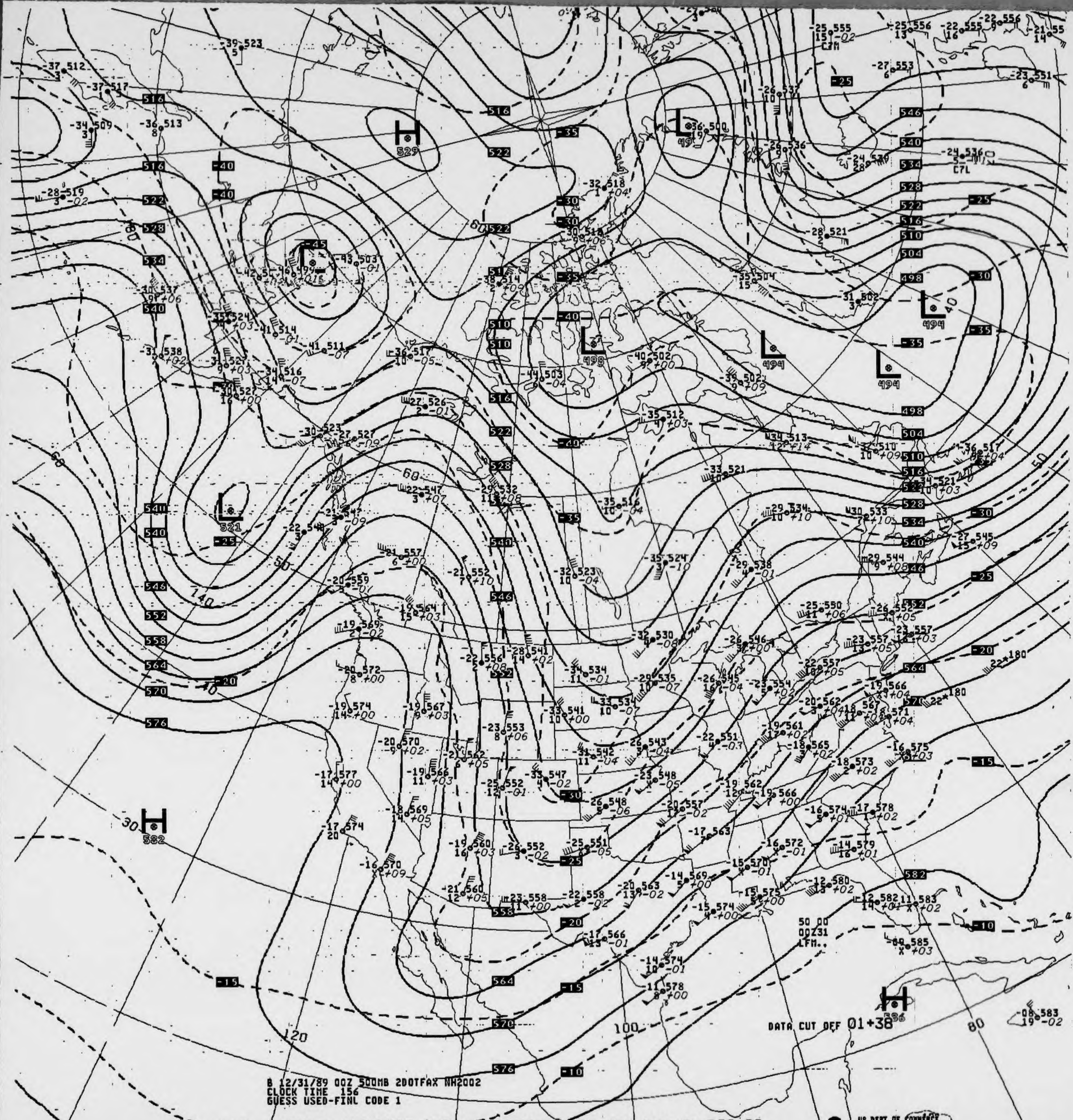
V437 ... 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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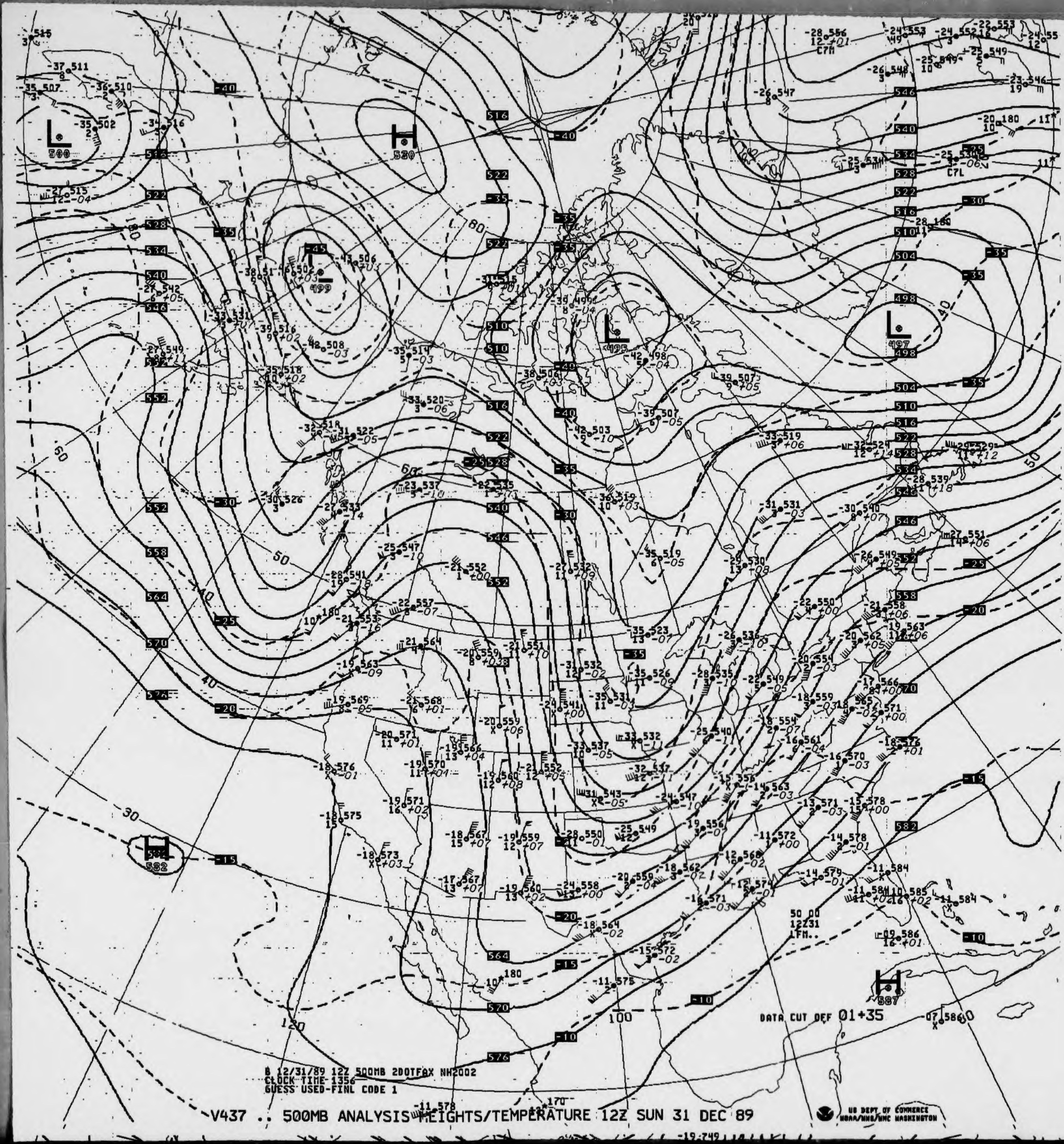
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 31 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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CLOCK TIME 1356
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 31 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

OAA Form 48 - 362B
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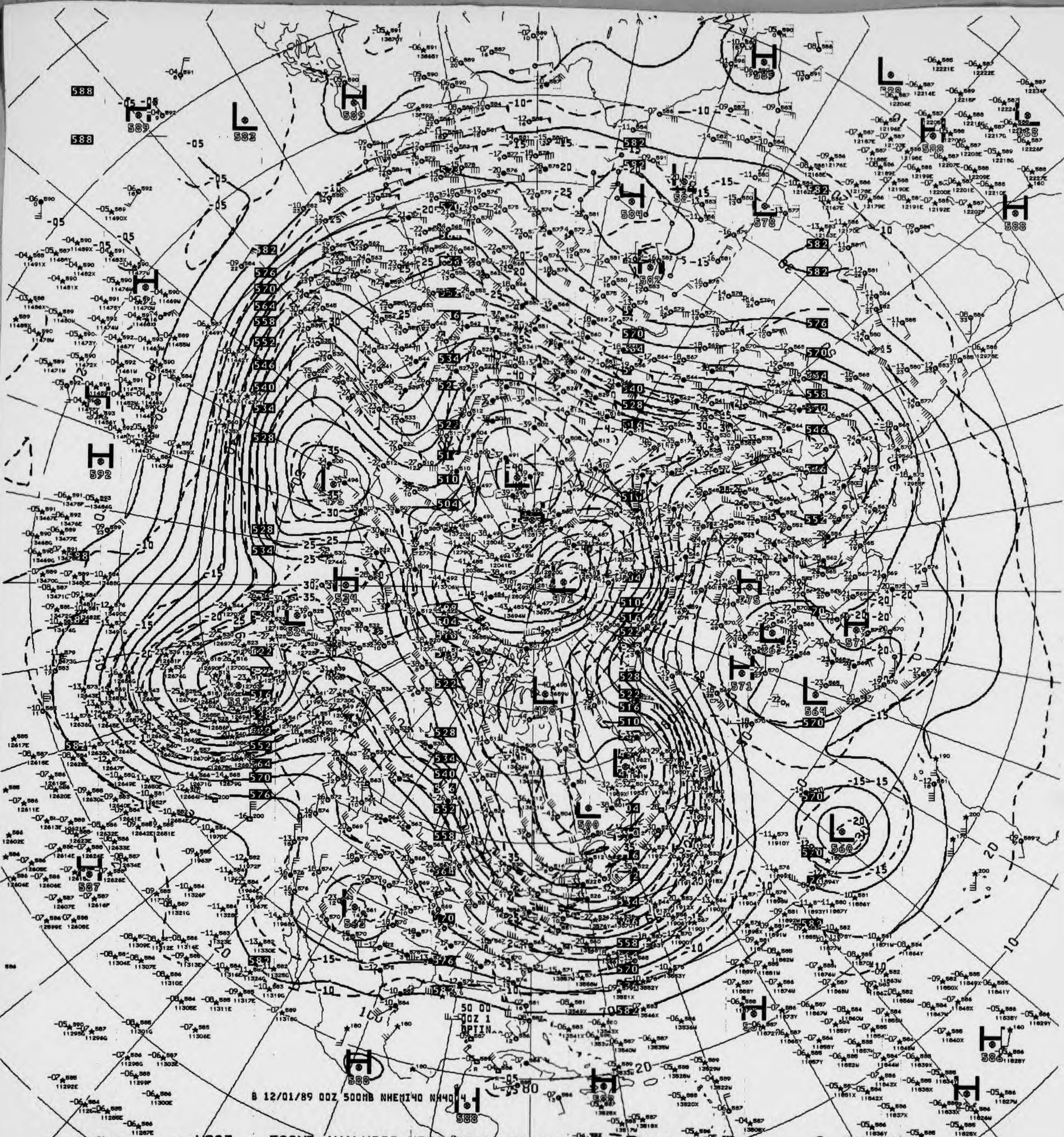
U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

500 MB CONSTANT PRESSURE CHARTS

NORTHERN HEMISPHERE NWP

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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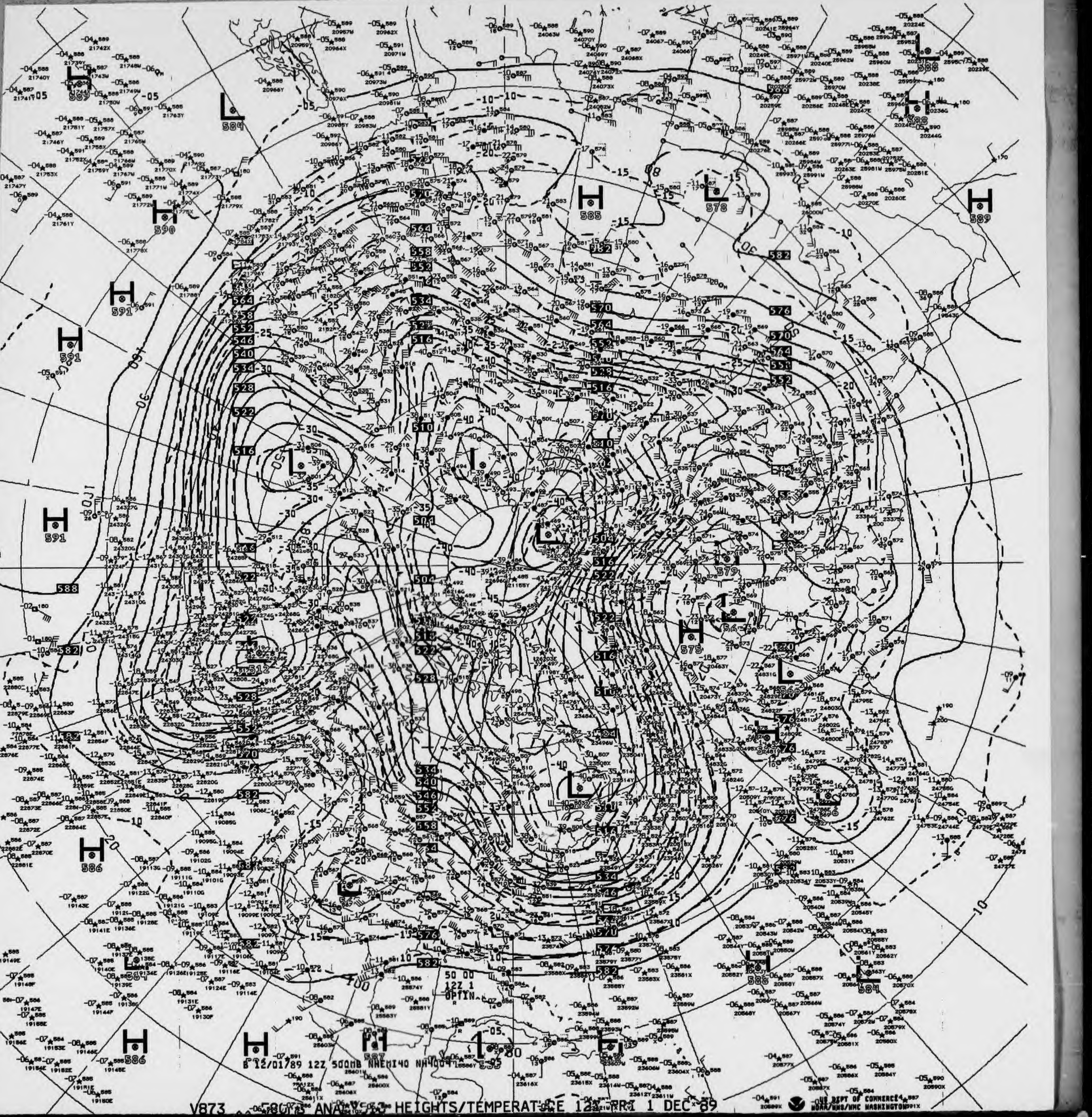
V823 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 1 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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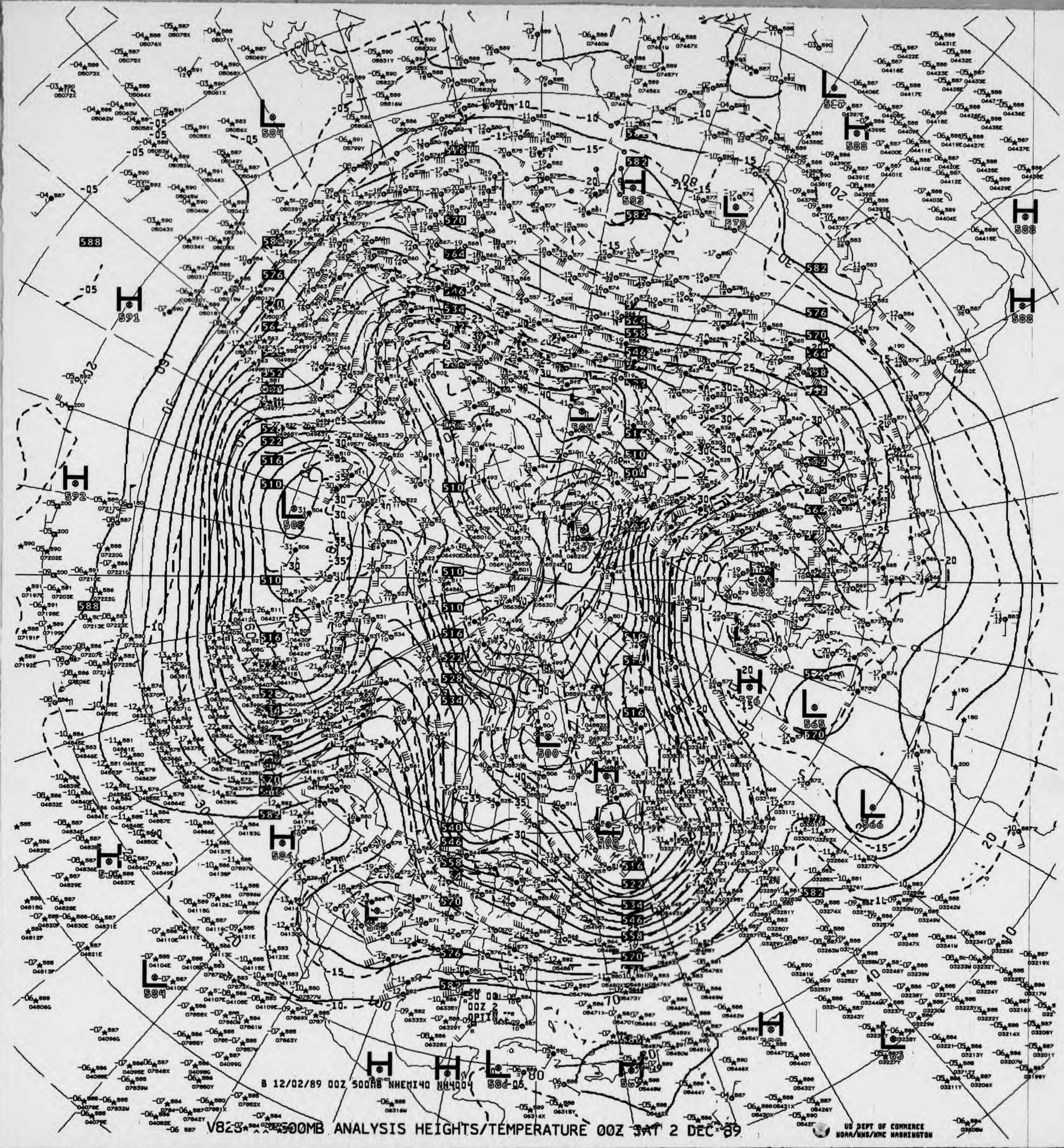
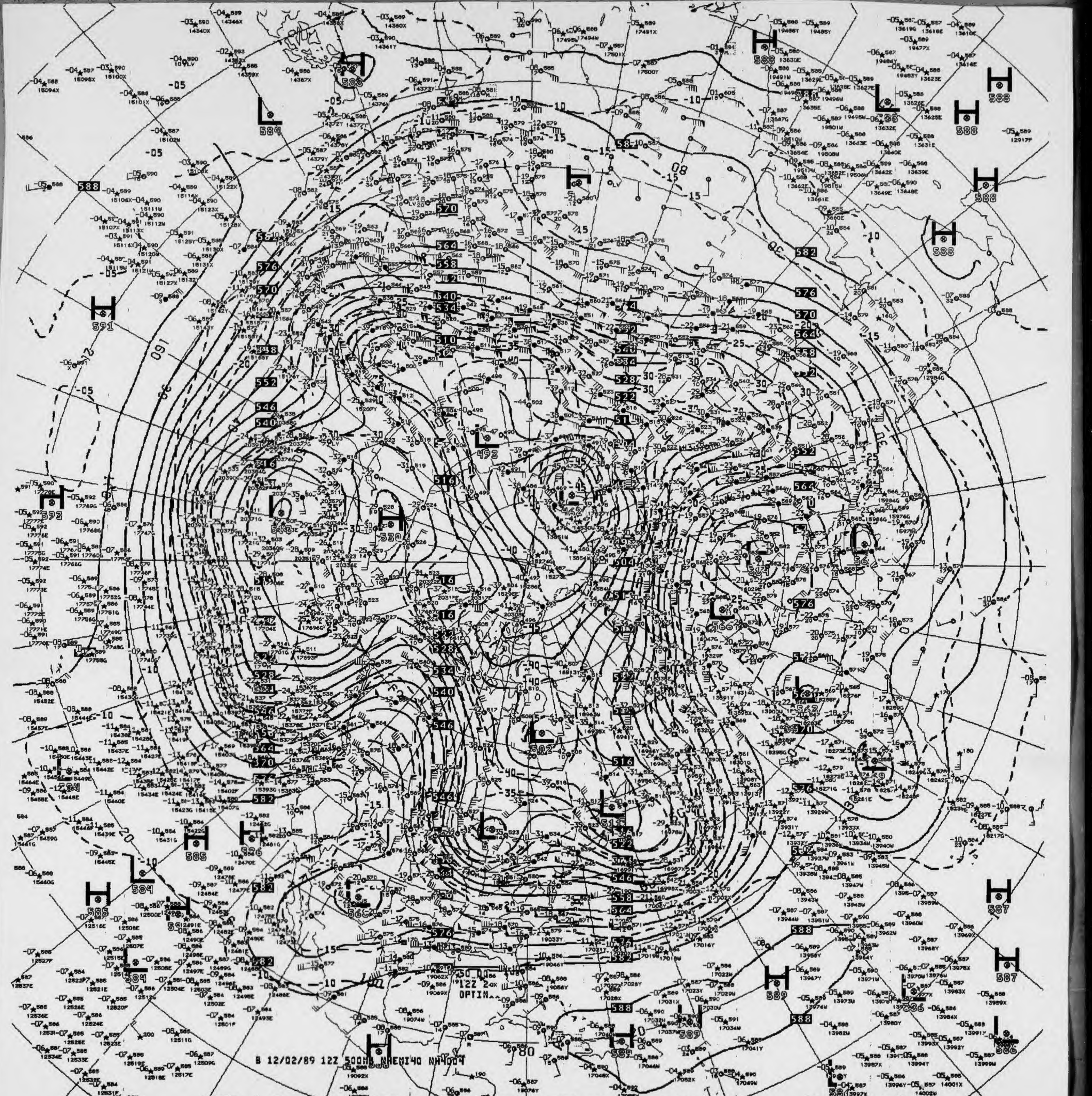
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V873 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 1 DEC 89





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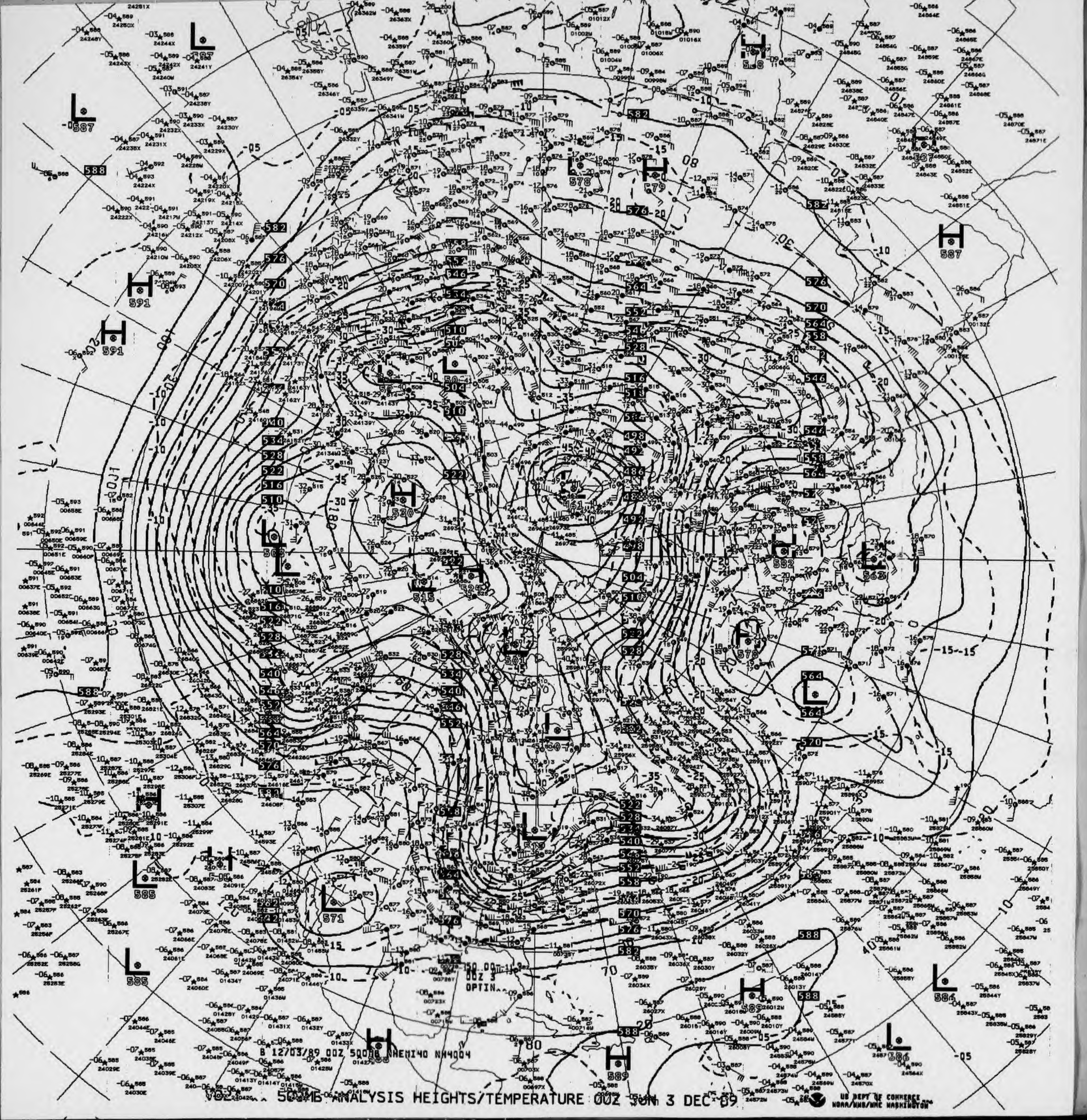
V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 2 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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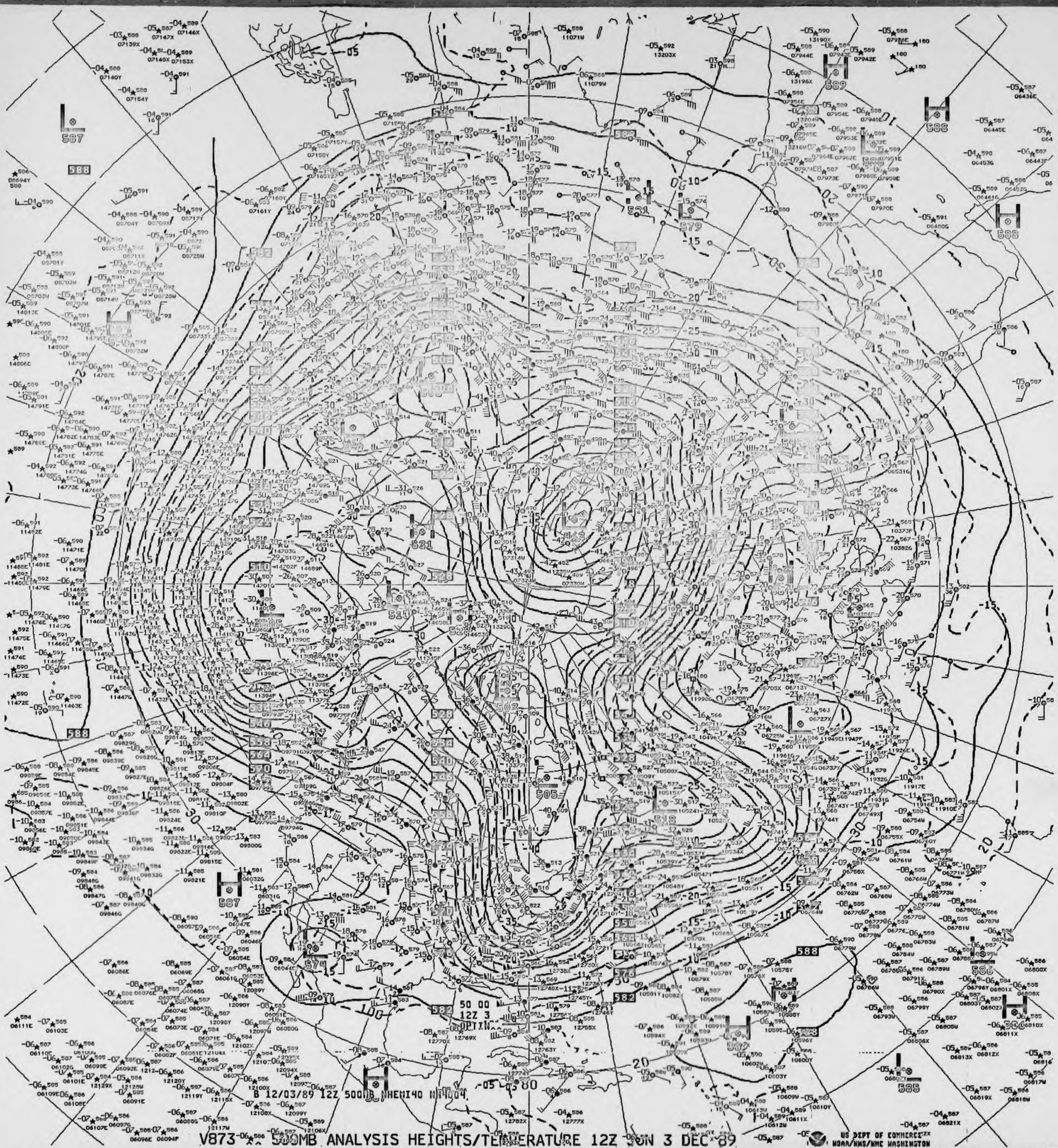
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 3 DEC 89



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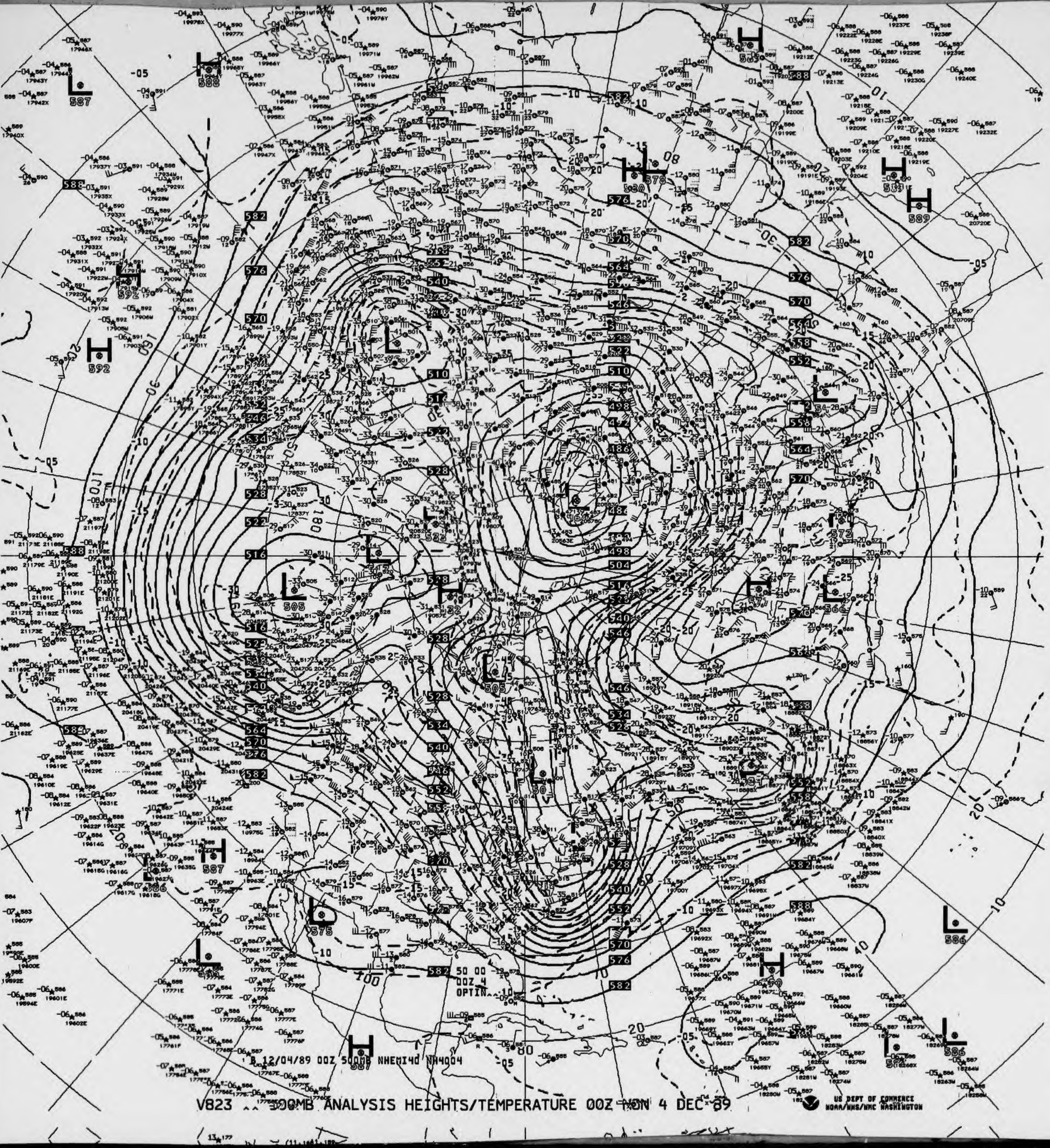
V873 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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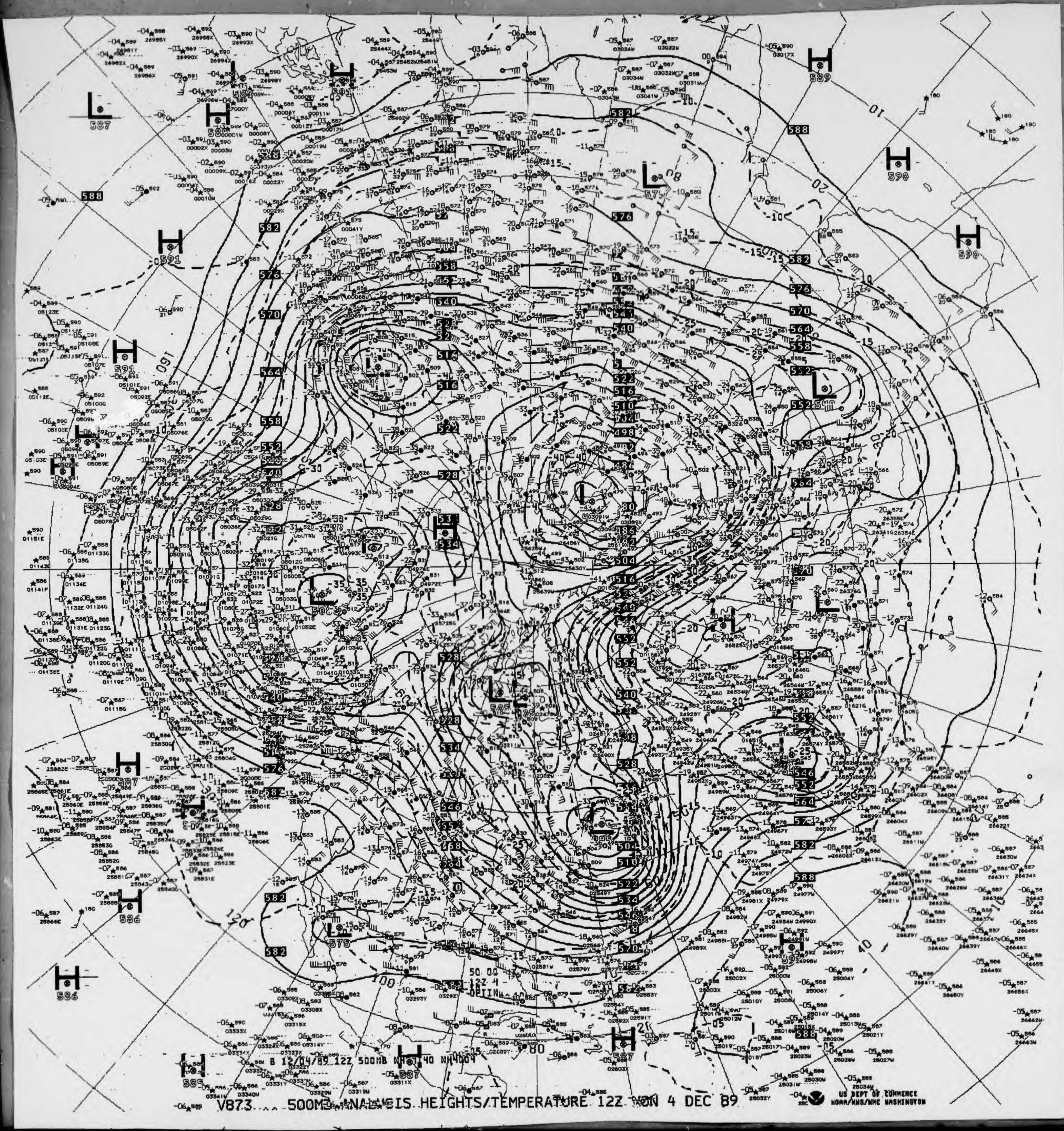
V823 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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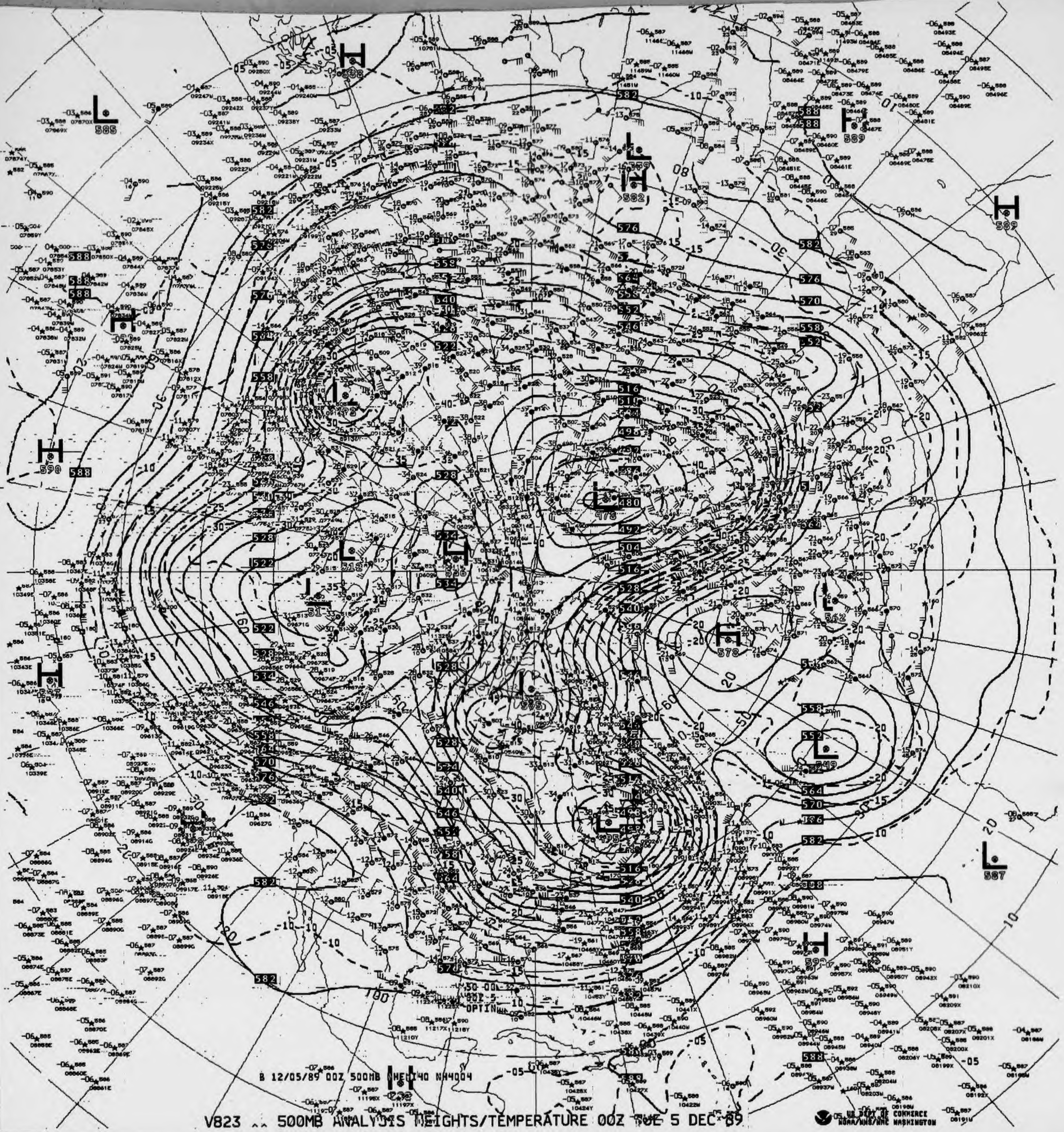
V873 ... 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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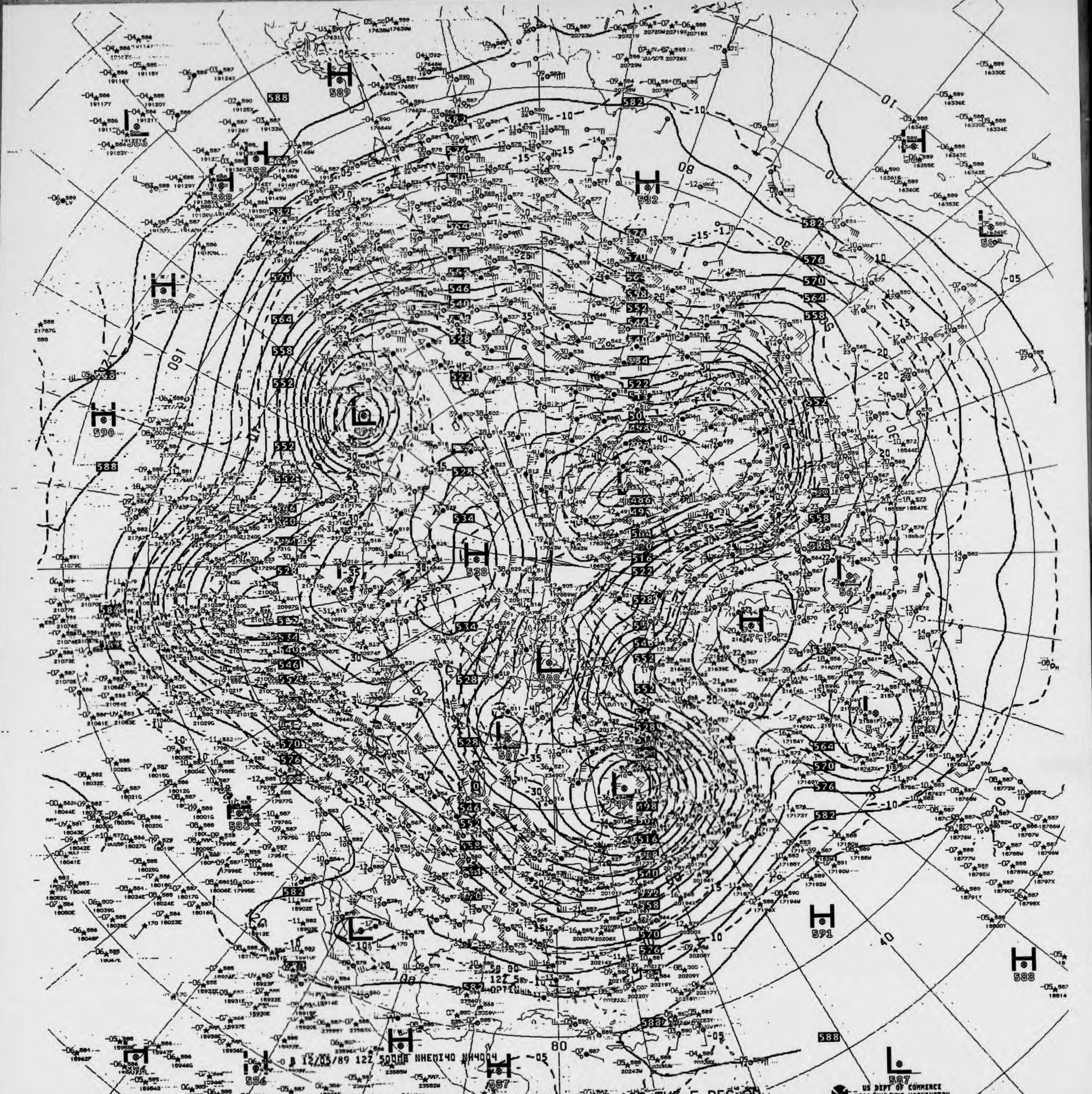
V823 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 5 DEC 89

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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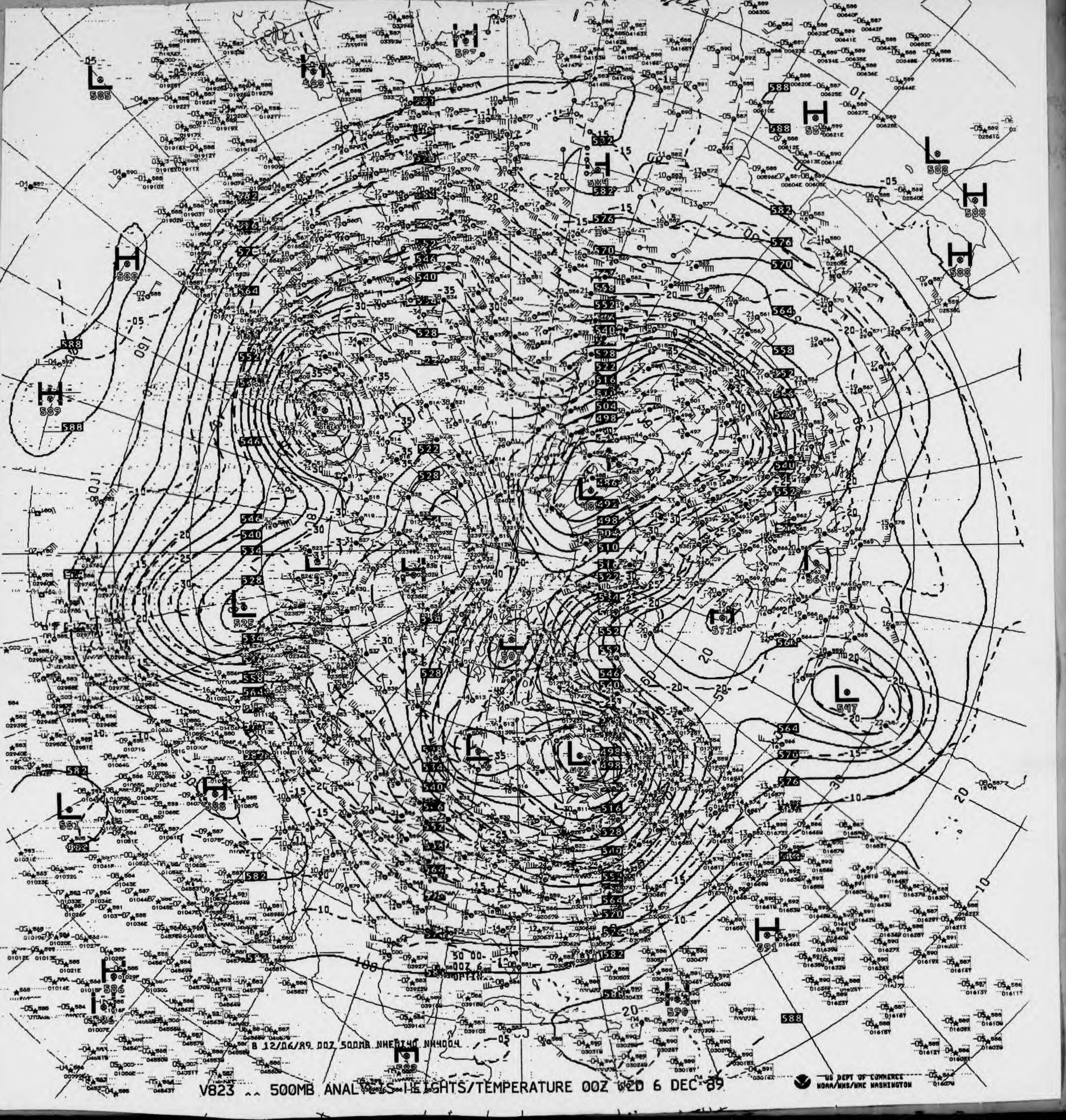
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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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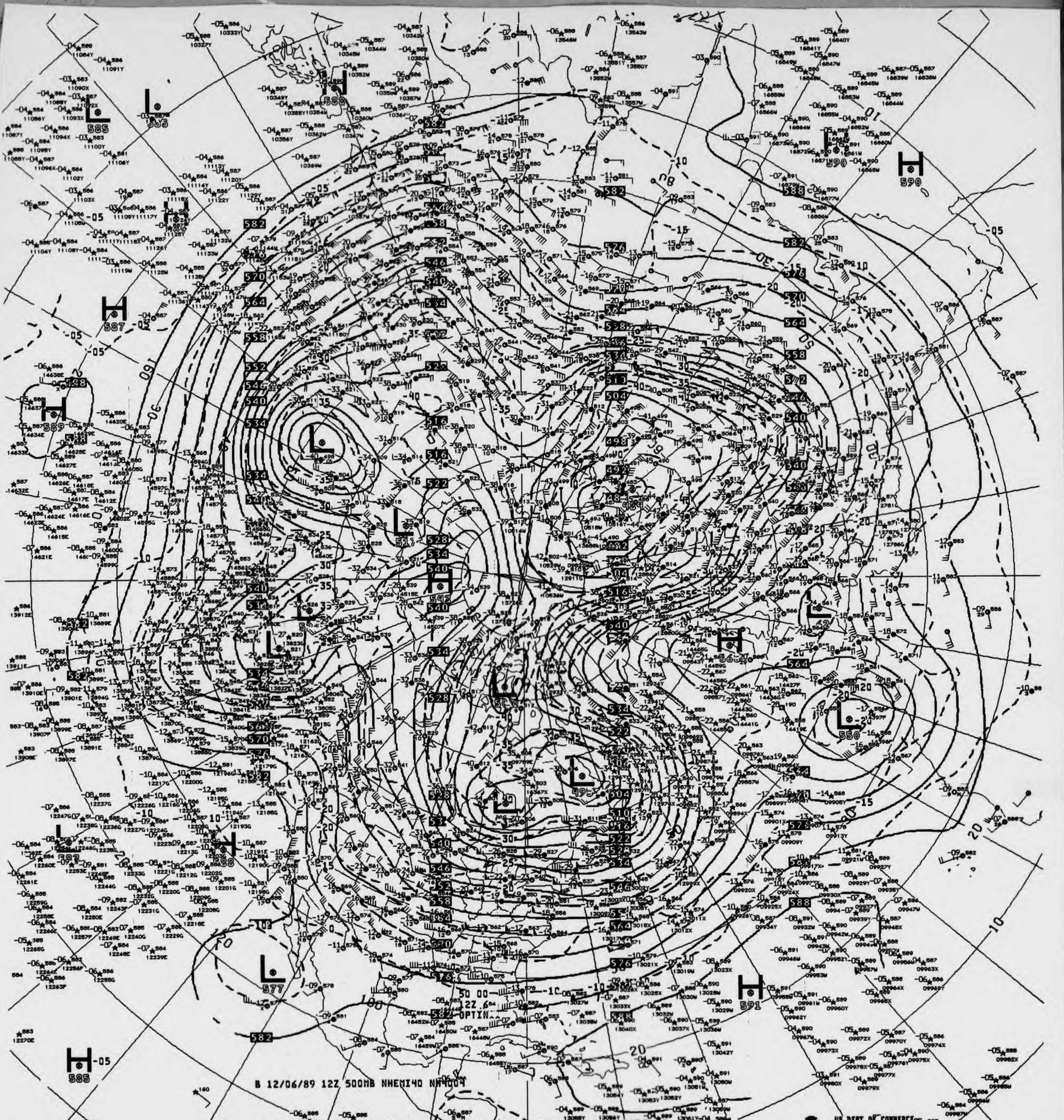
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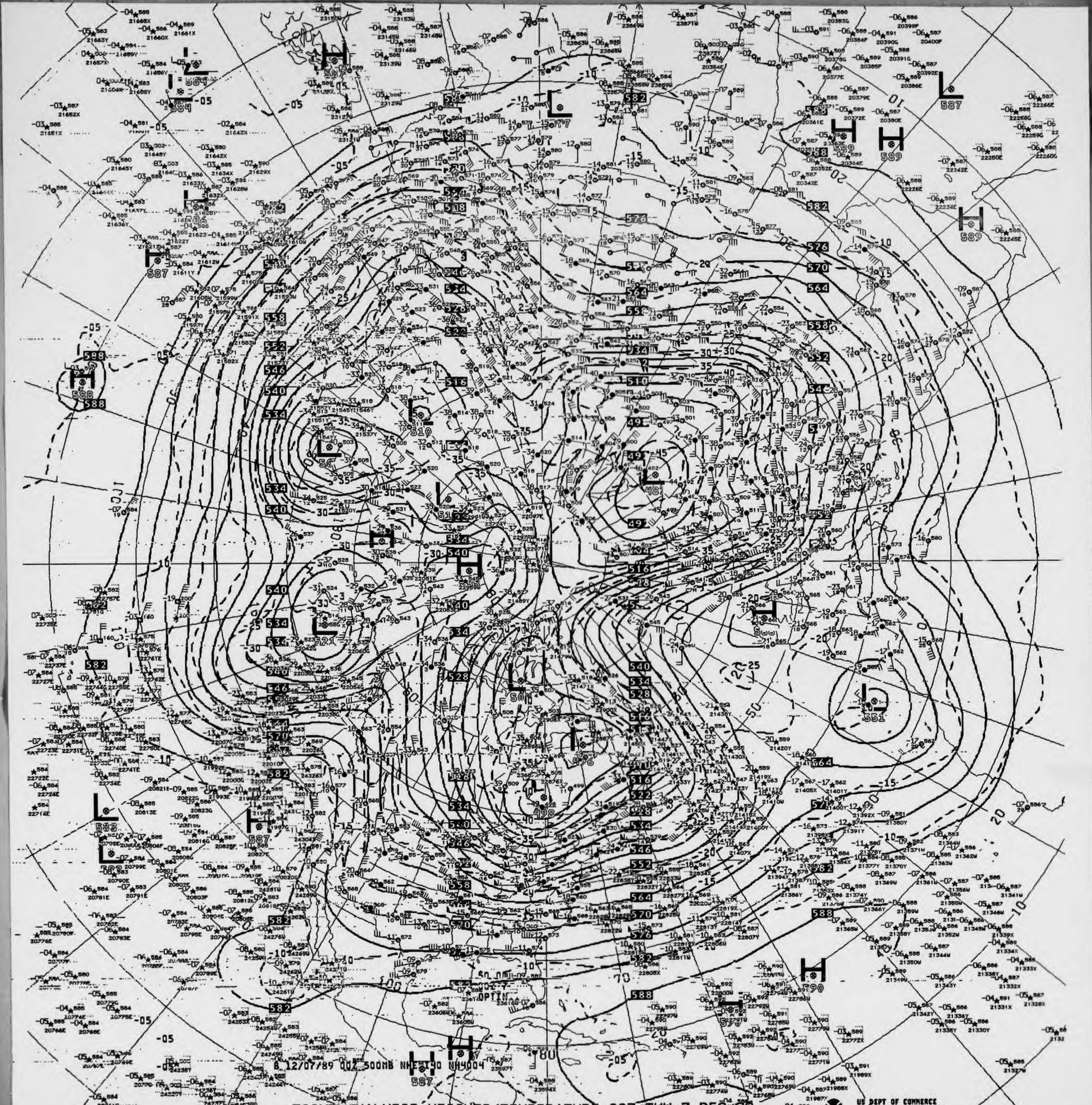
V873 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 6 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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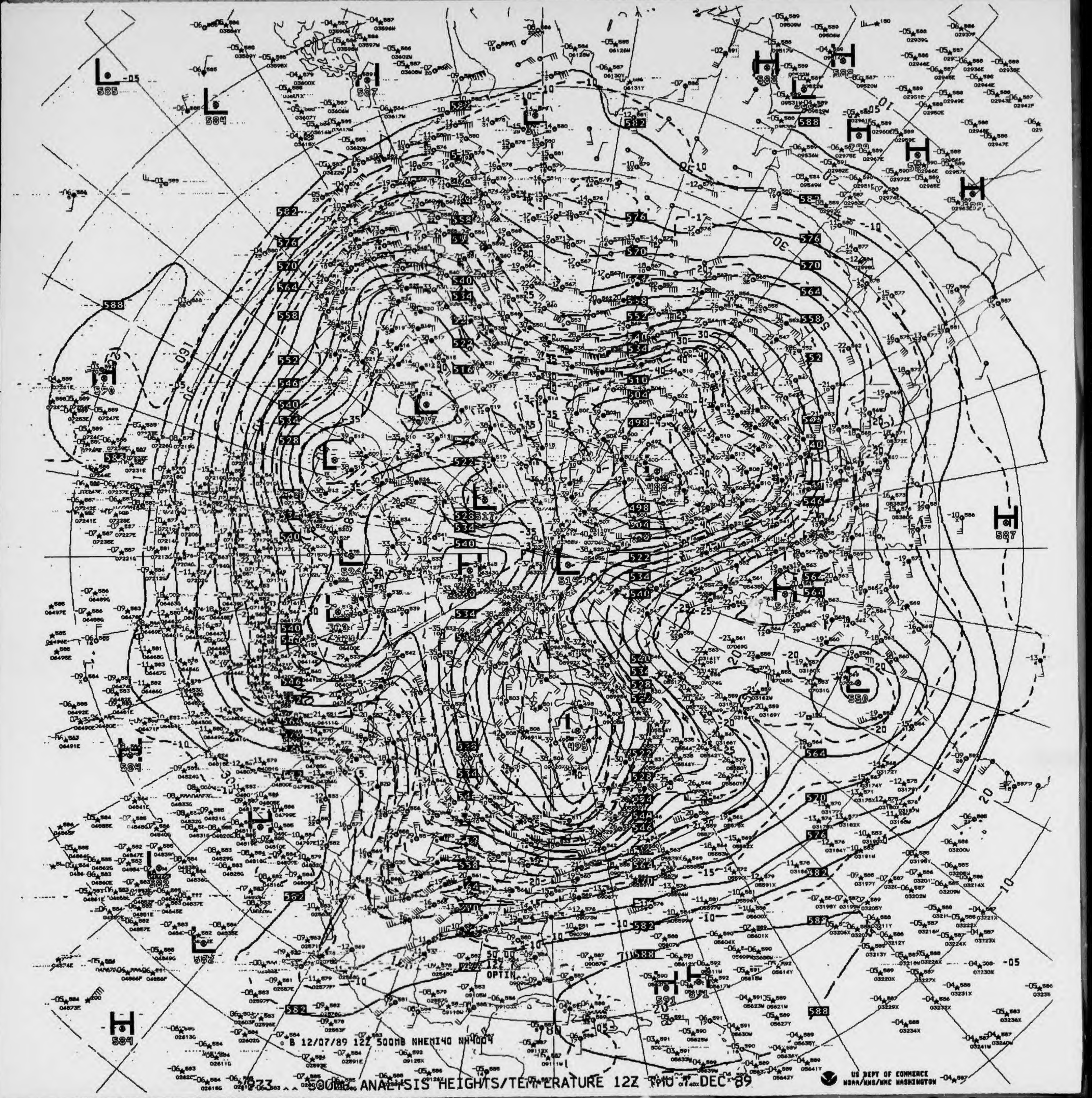
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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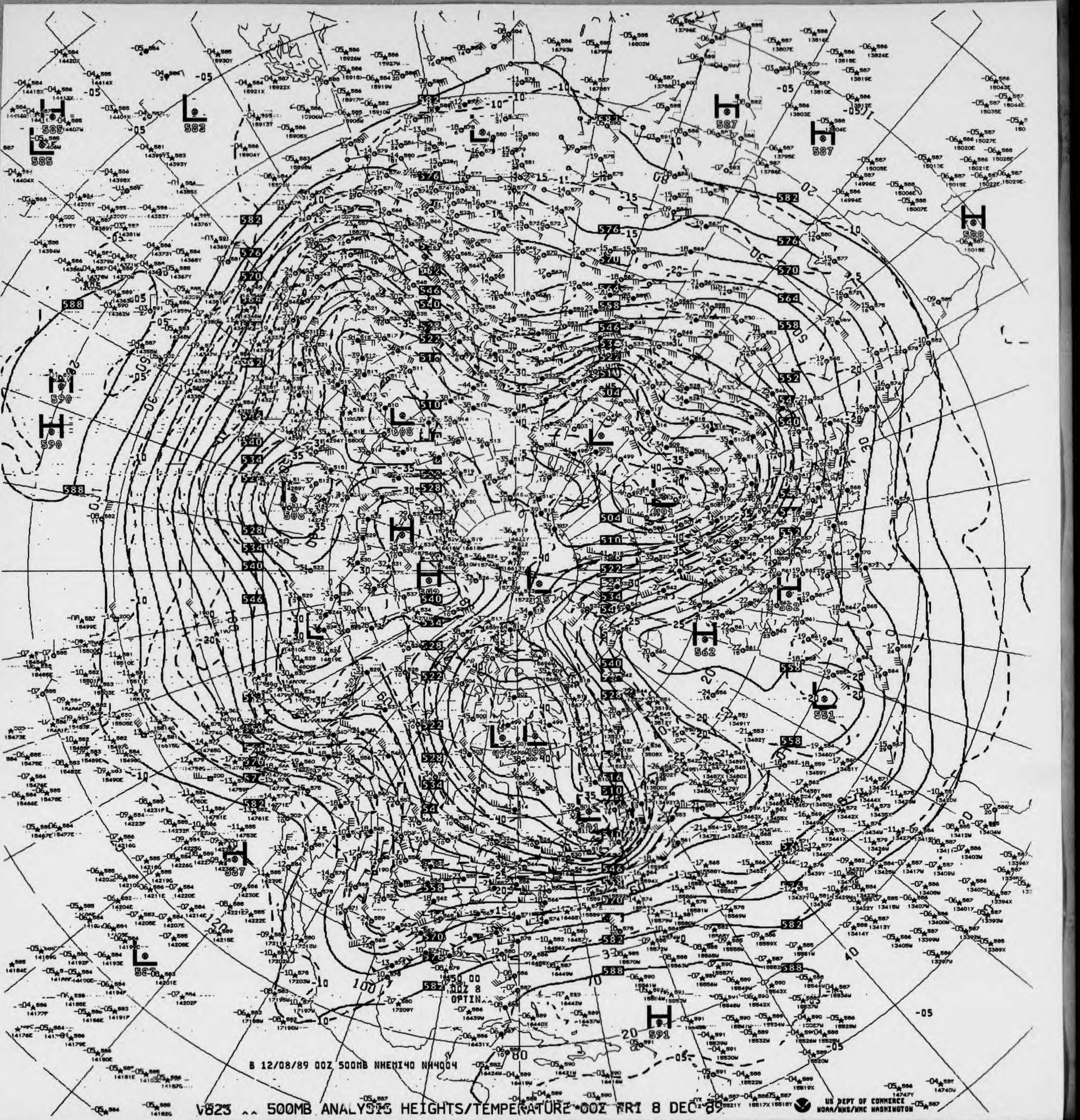
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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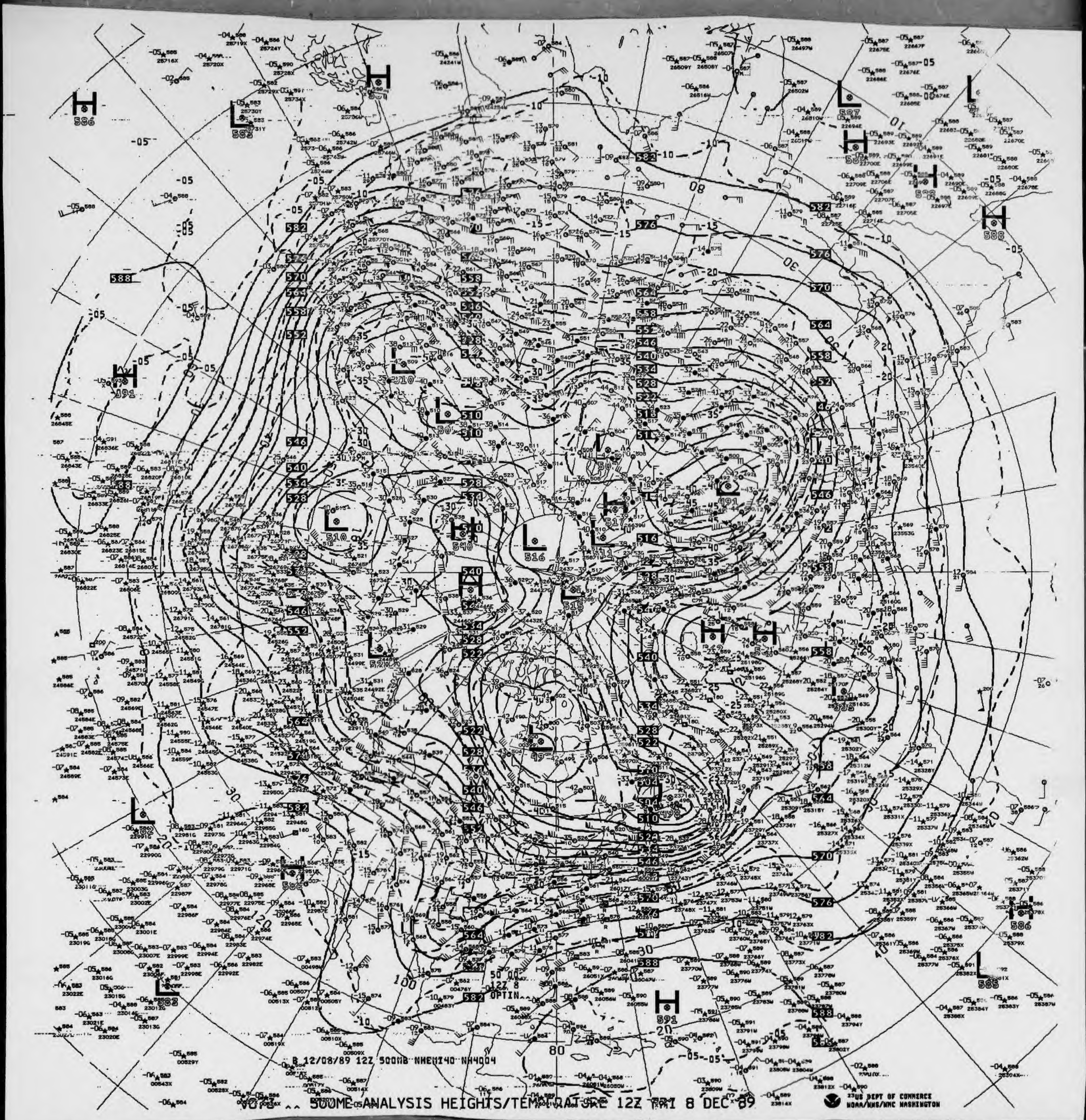
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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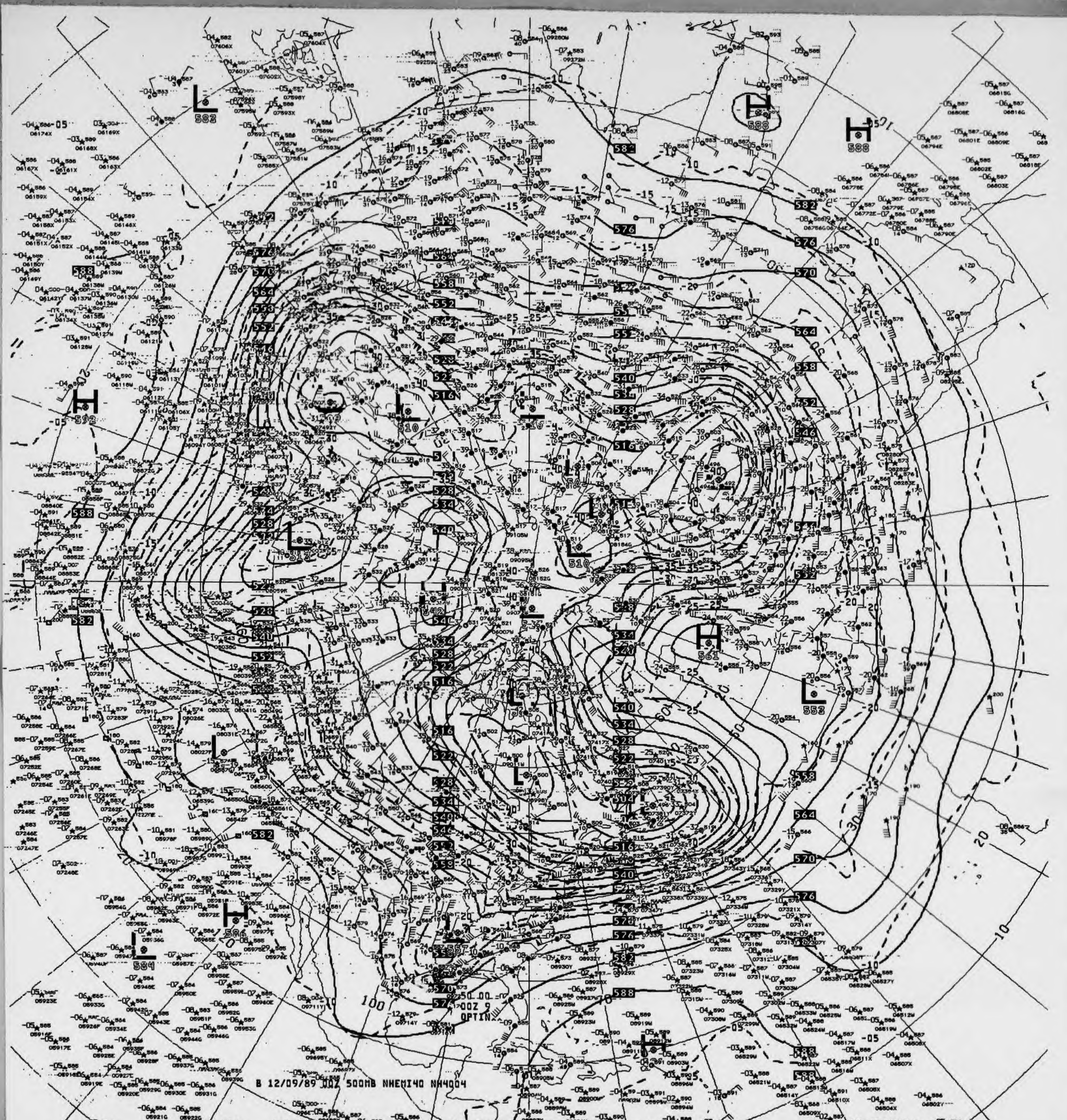
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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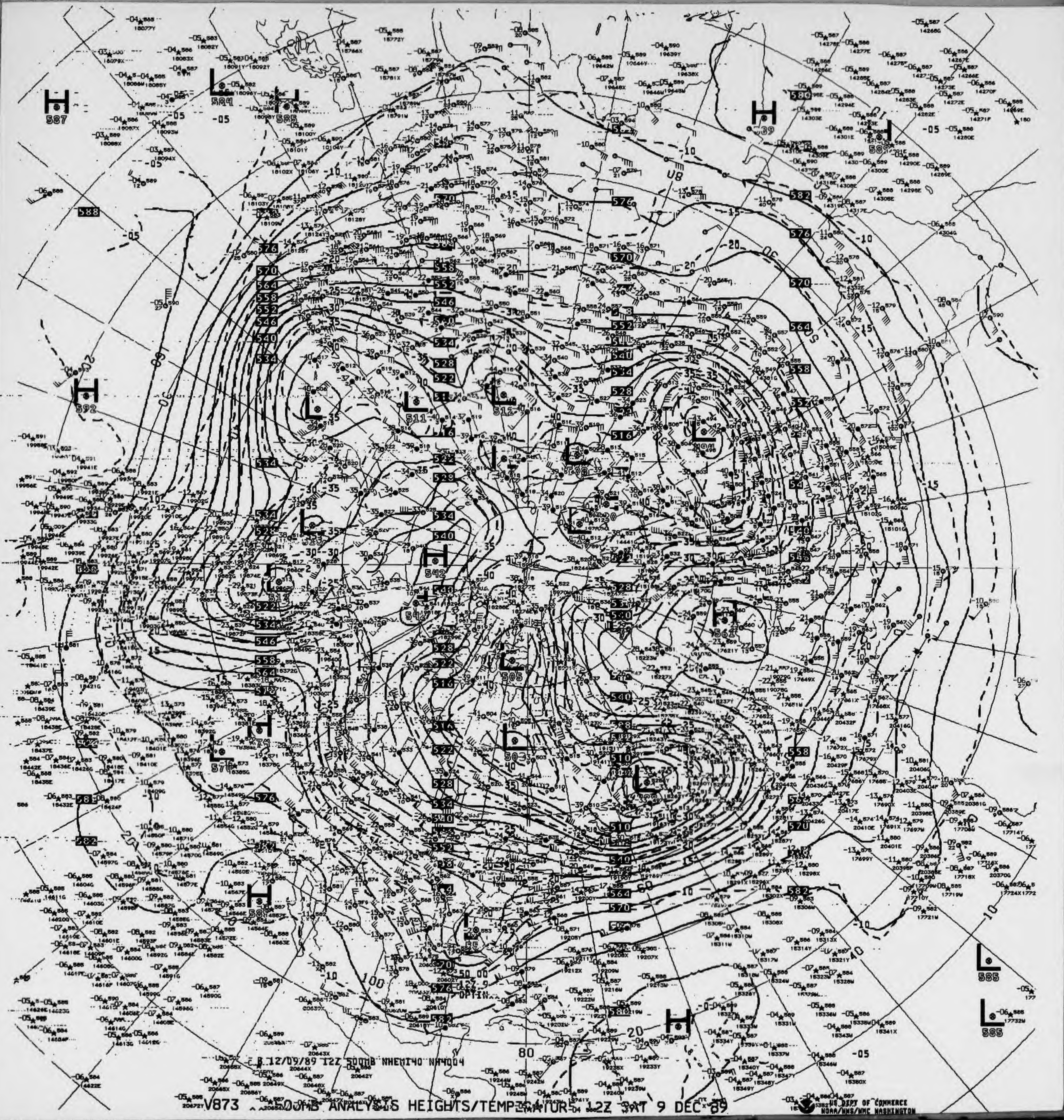
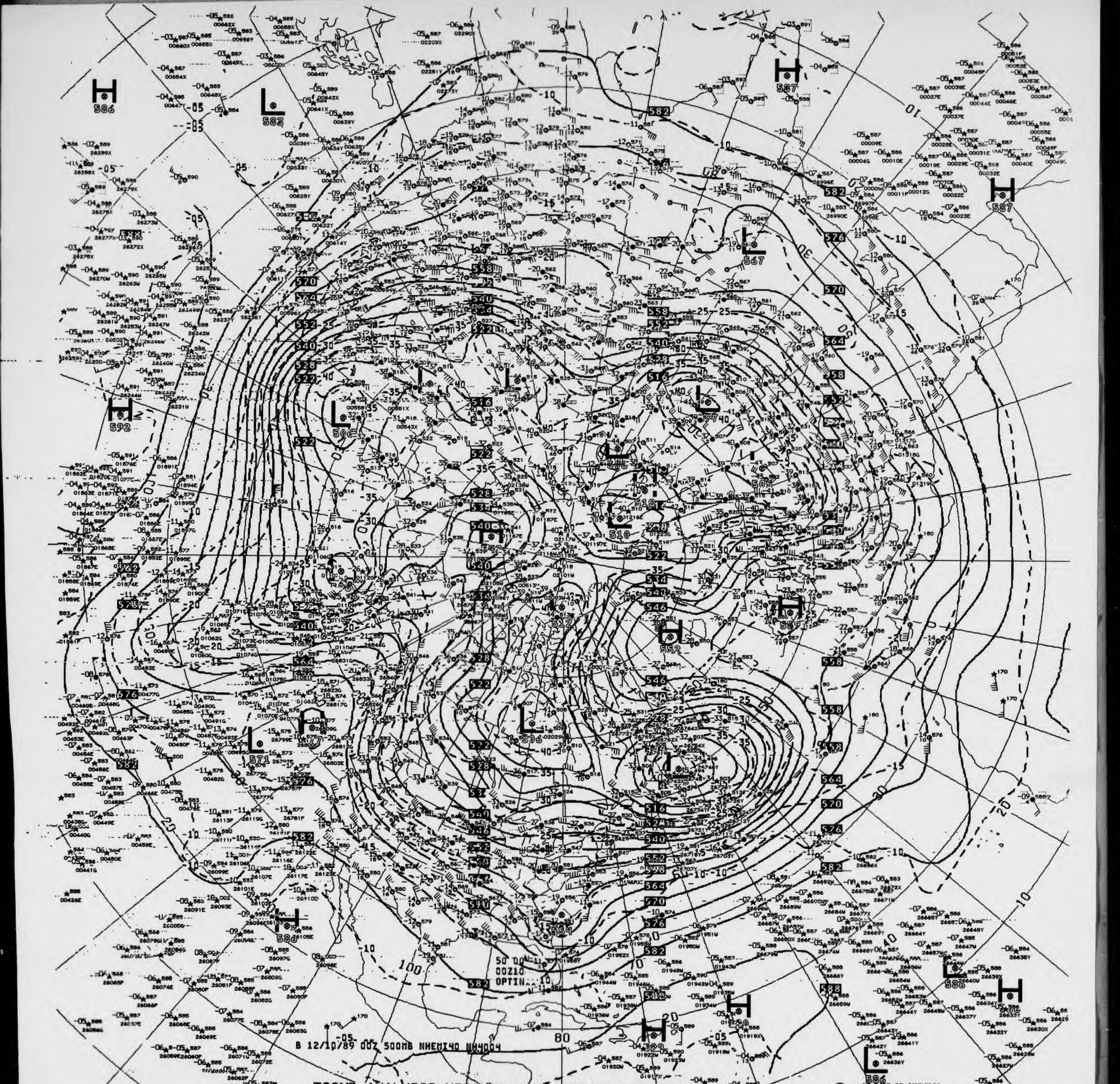
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



C.B 12/09/89 12Z 500MB NHEMI40 NH4004

V873 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 9 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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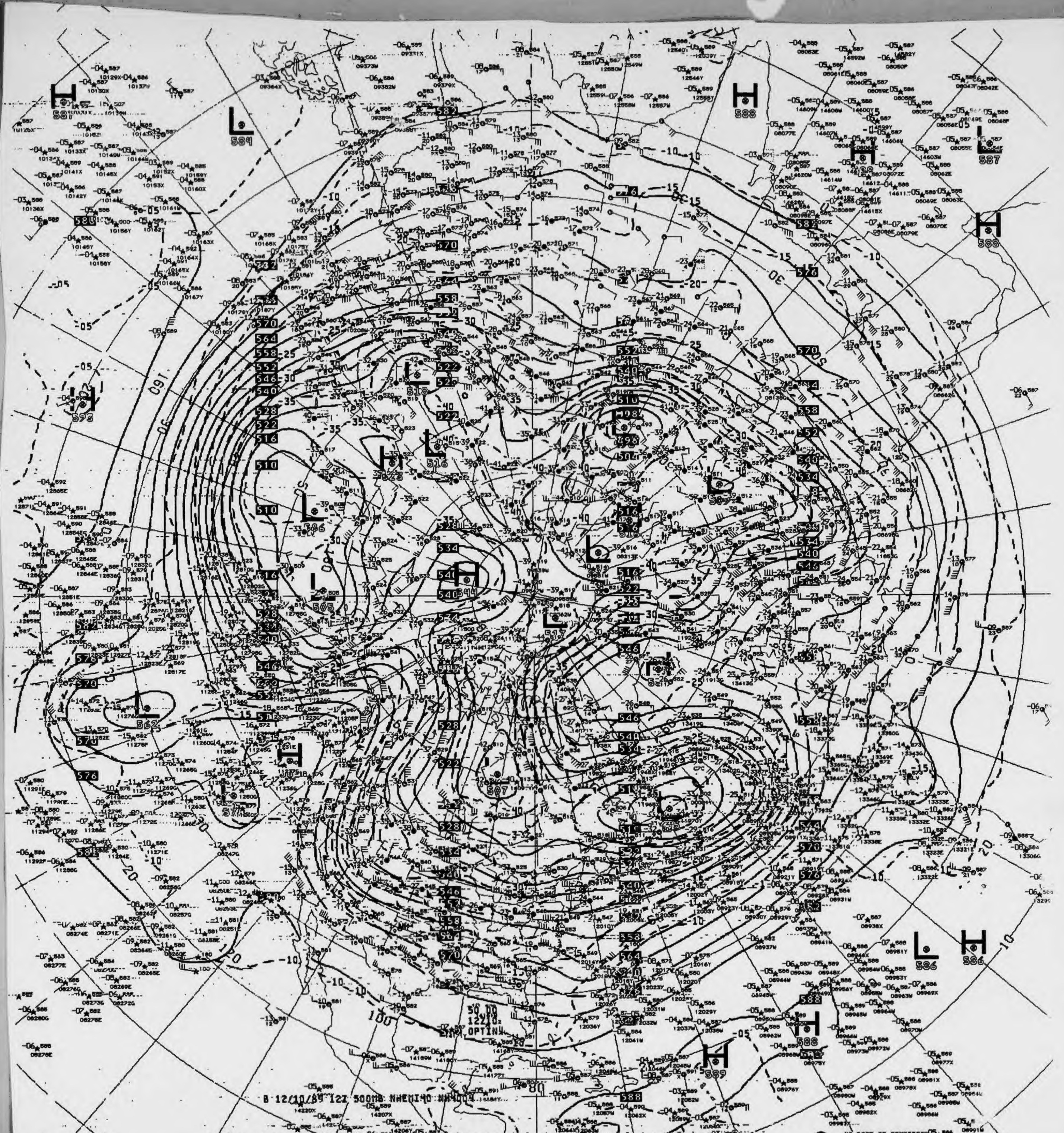
V823 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 10 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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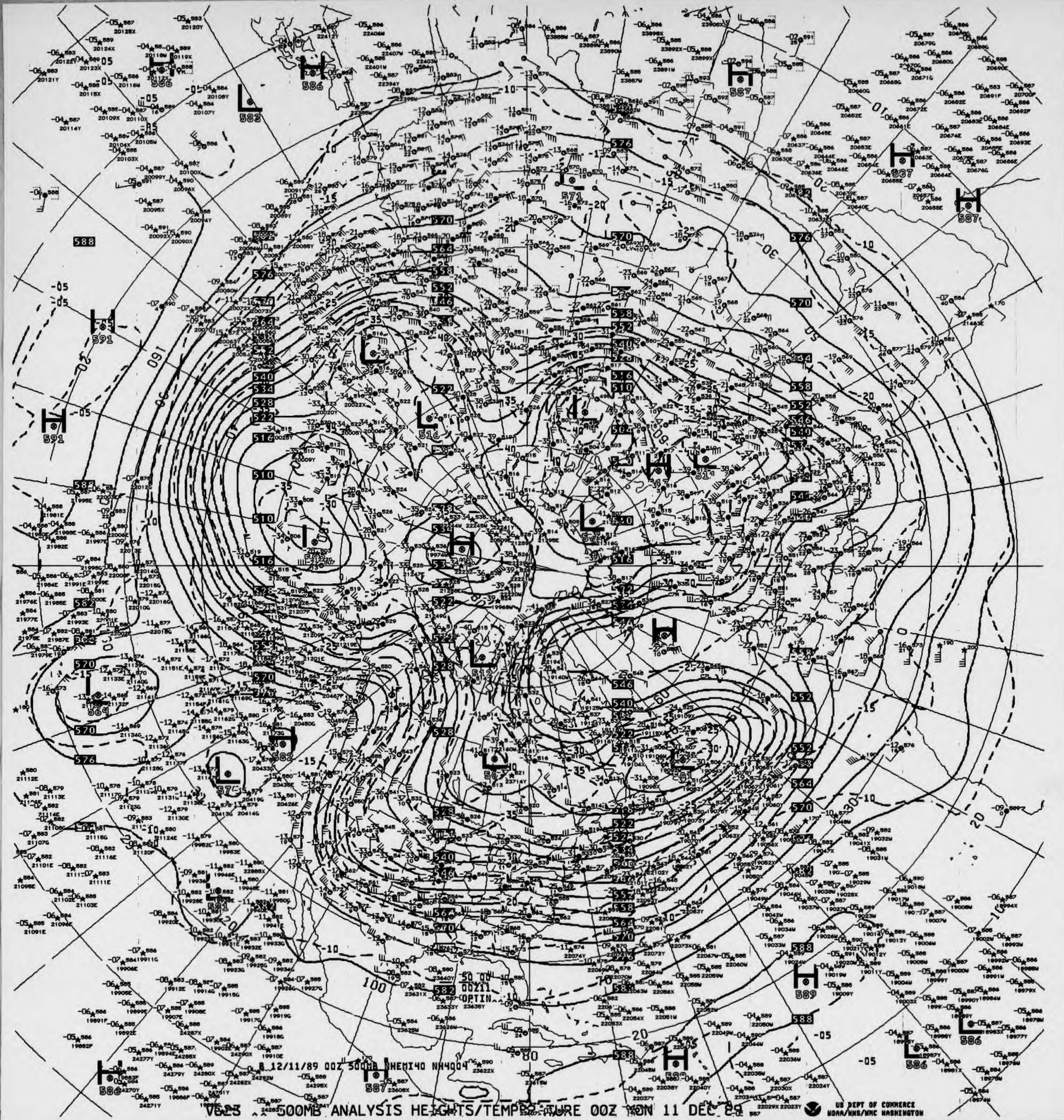
V873 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 10 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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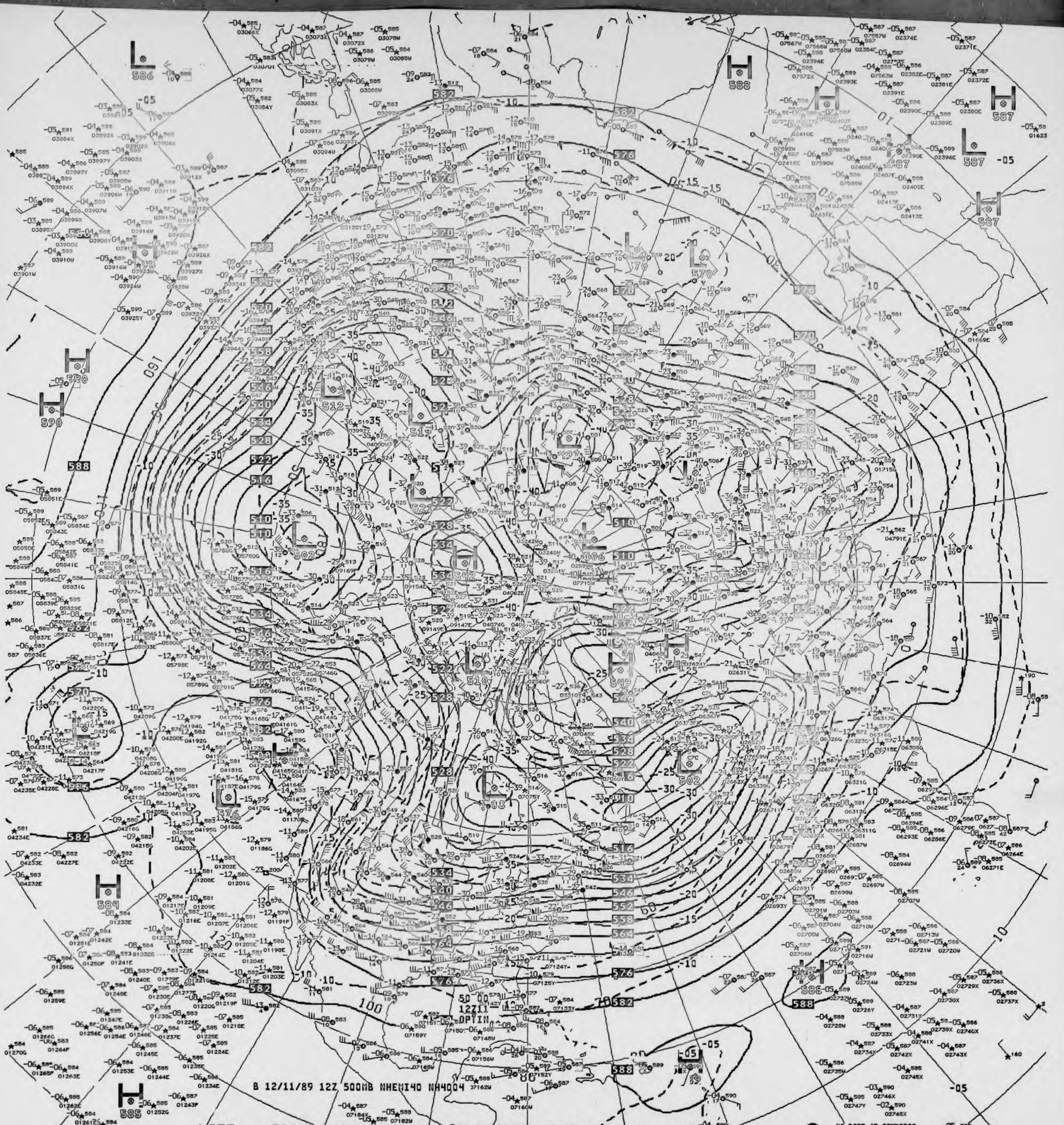
VB23 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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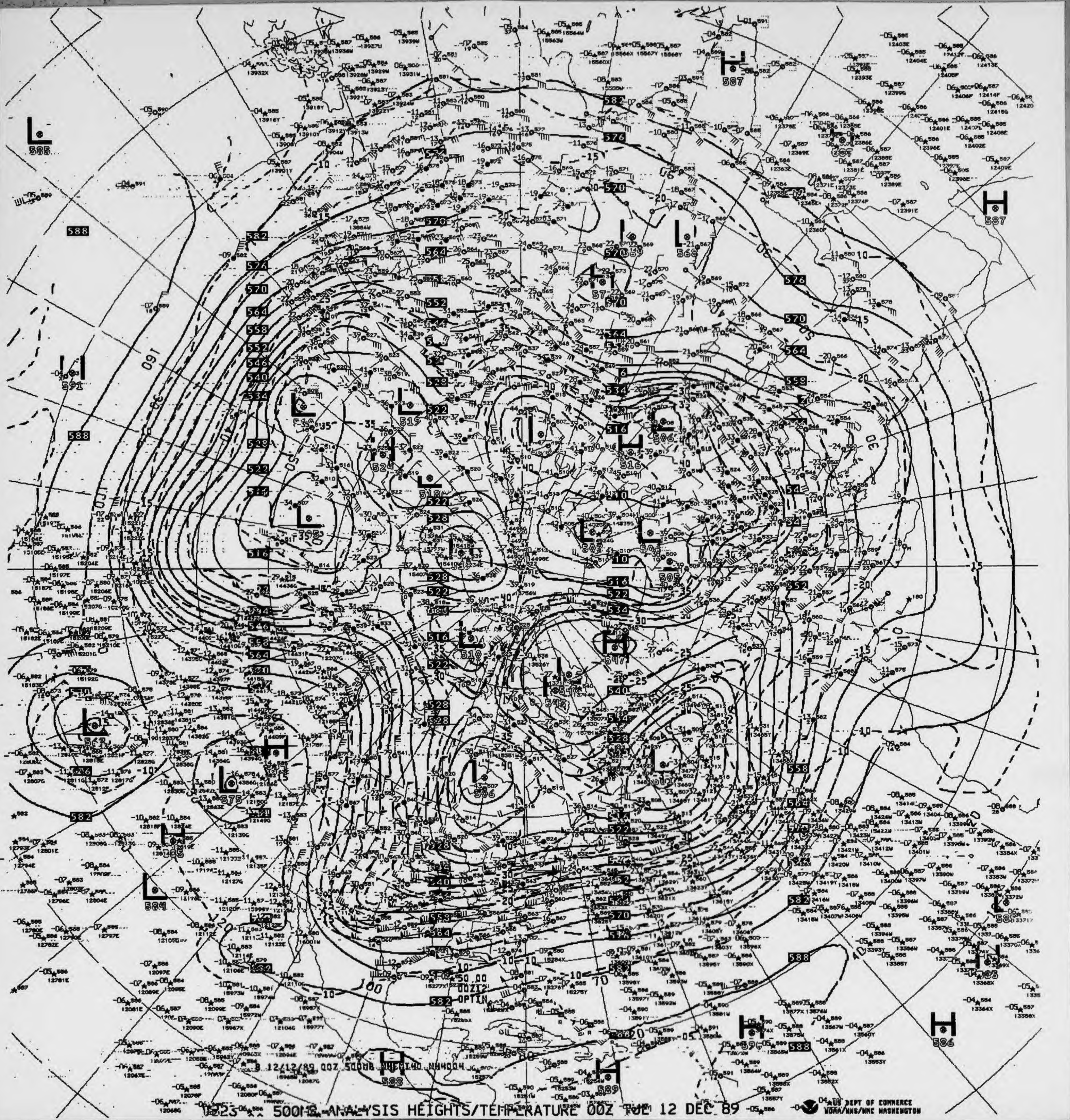
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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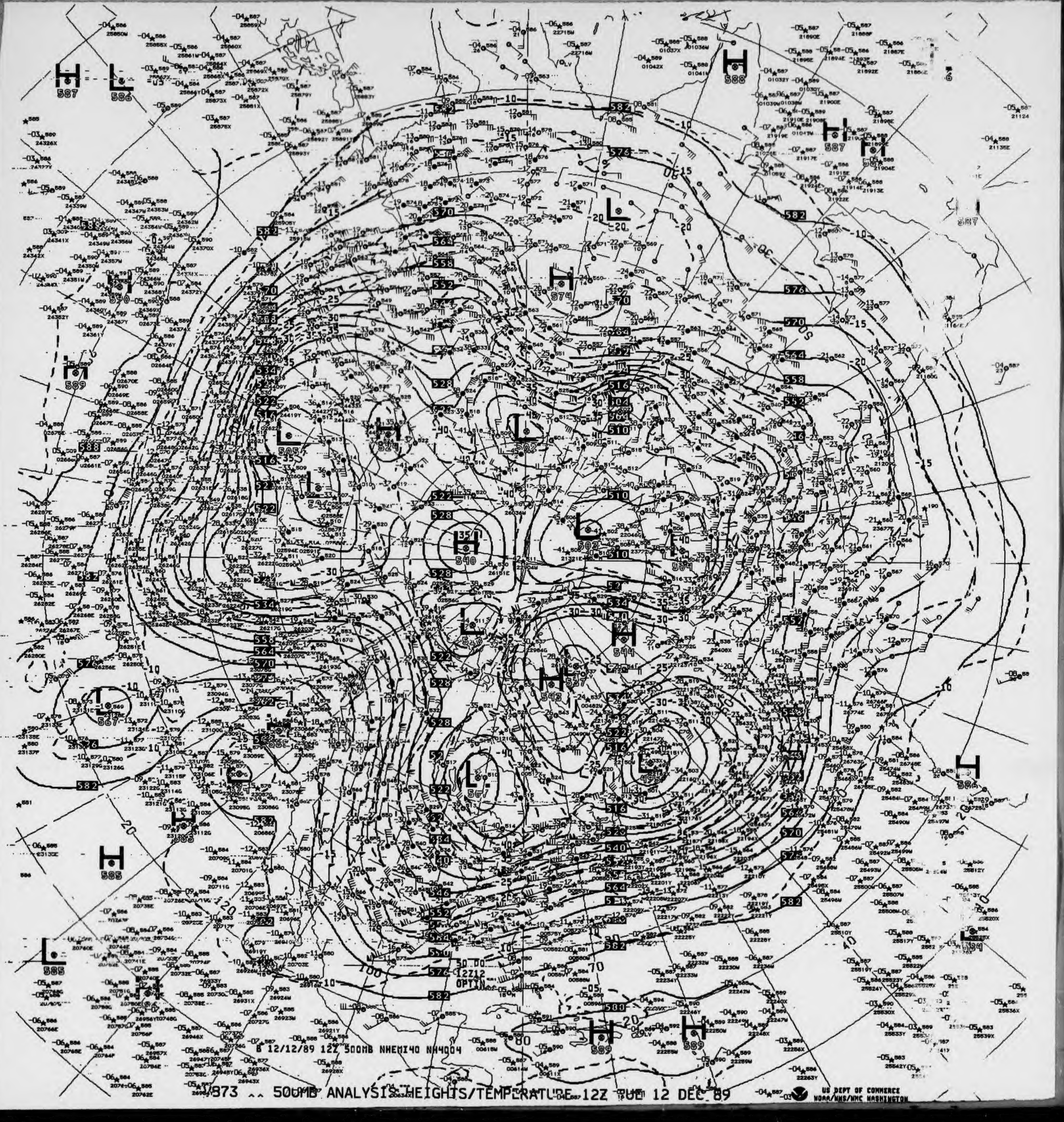
1223 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 12 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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B 12/12/89 12Z 500MB NHEMI40 NH4004

873 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 12 DEC 89

US DEPT OF COMMERCE
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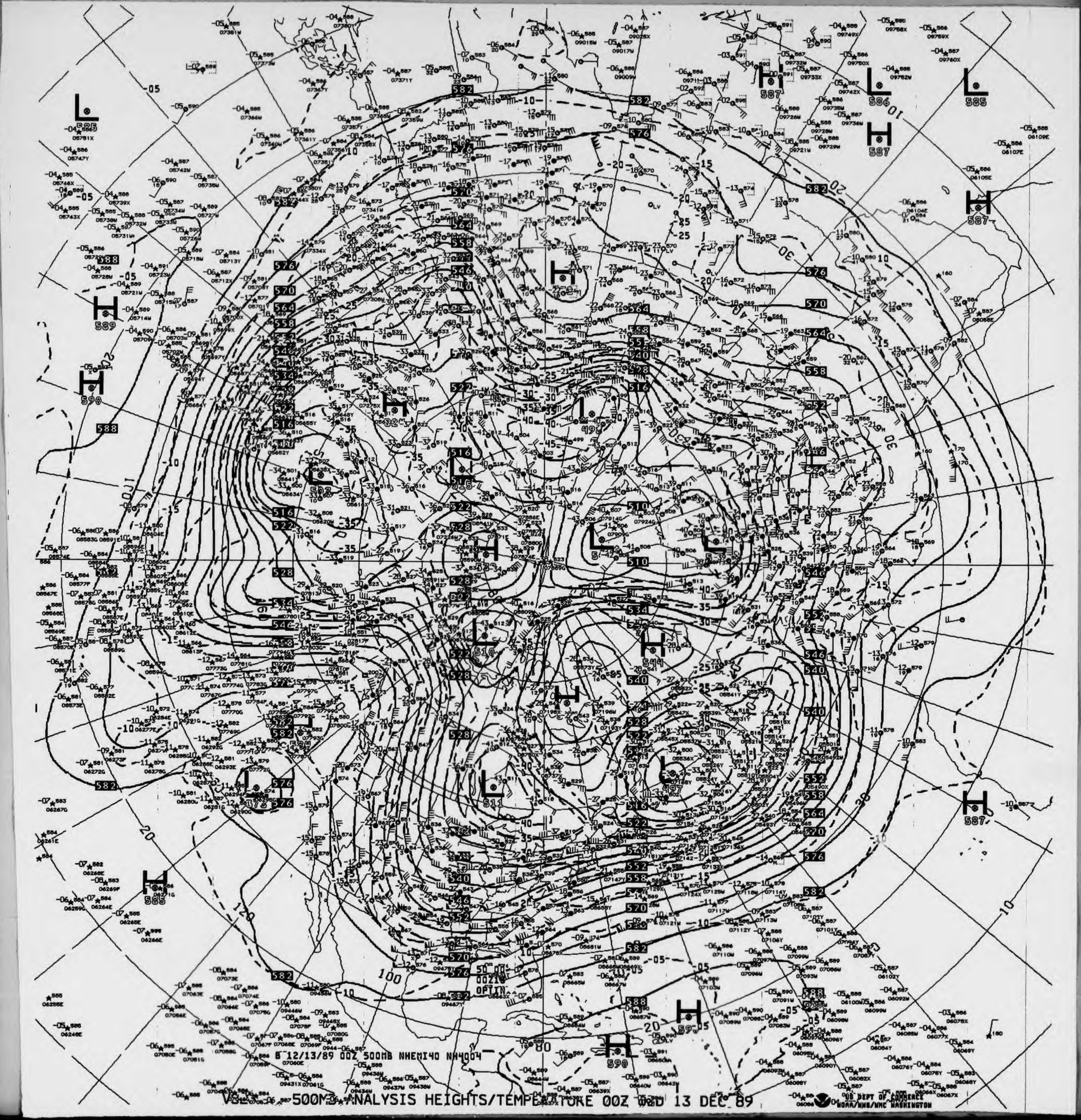

500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 13 DEC 89

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NOAA/NWS/NMC WASHINGTON
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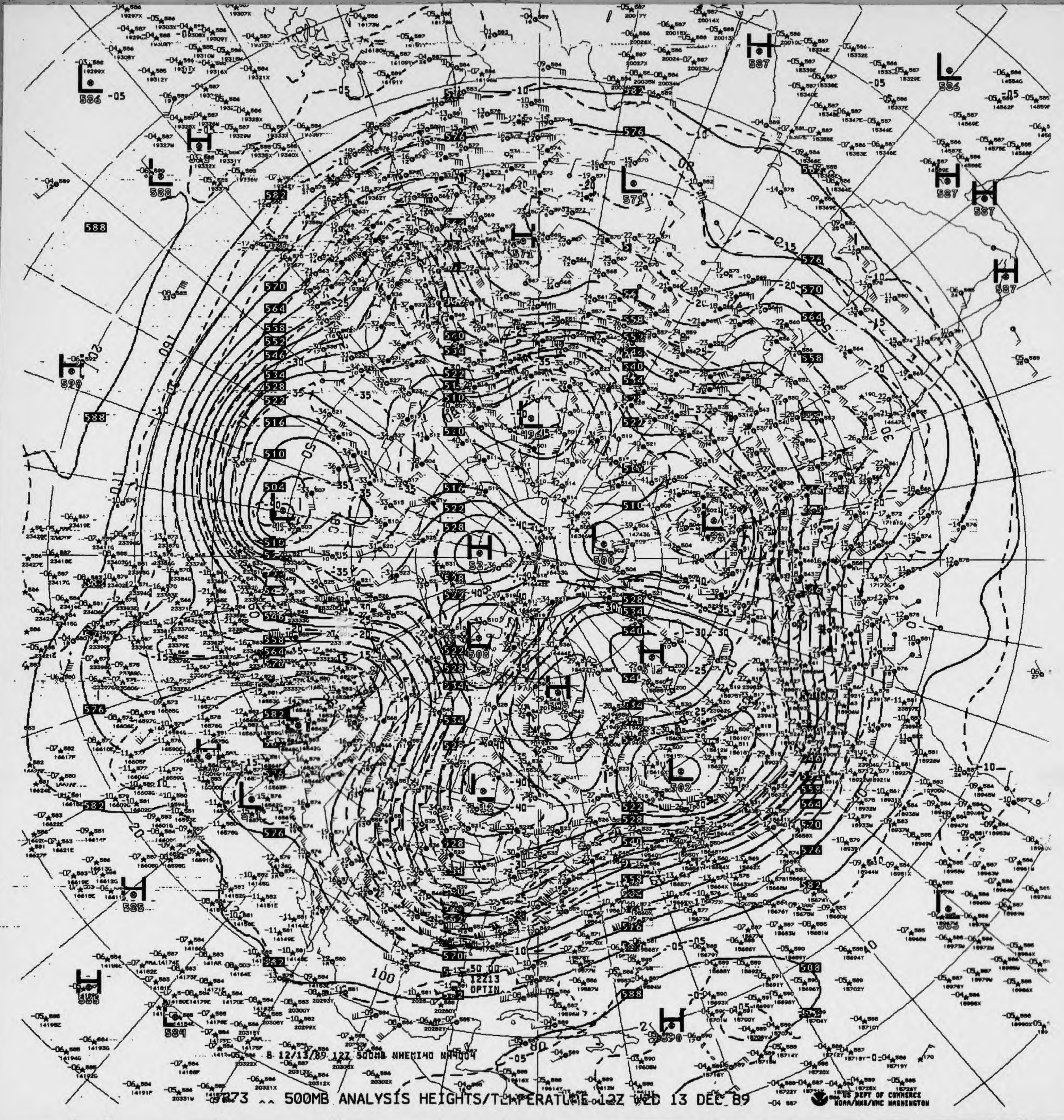
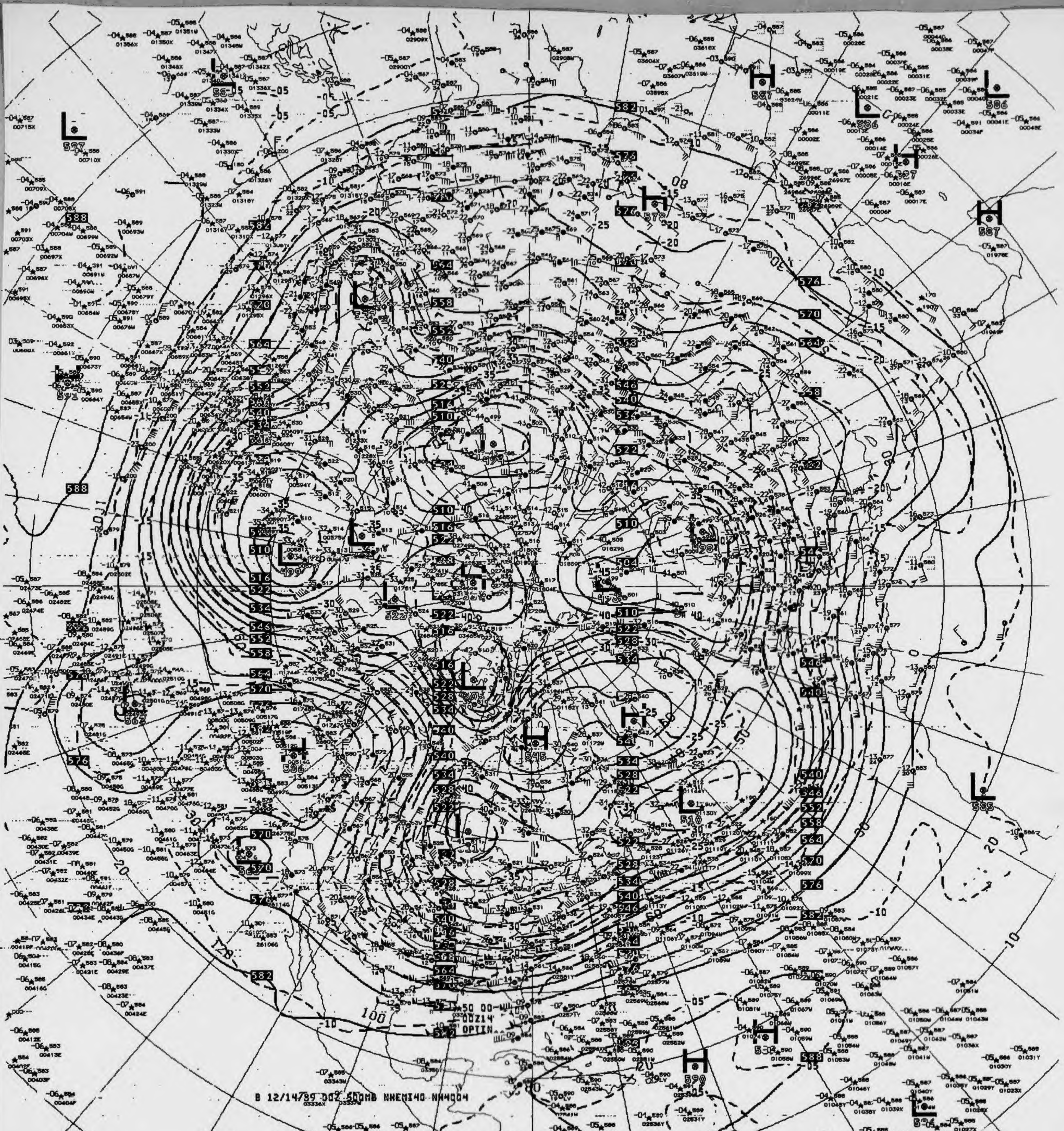


8 12/13/89 12Z 500MB NHEMI40 NA4004

273 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 13 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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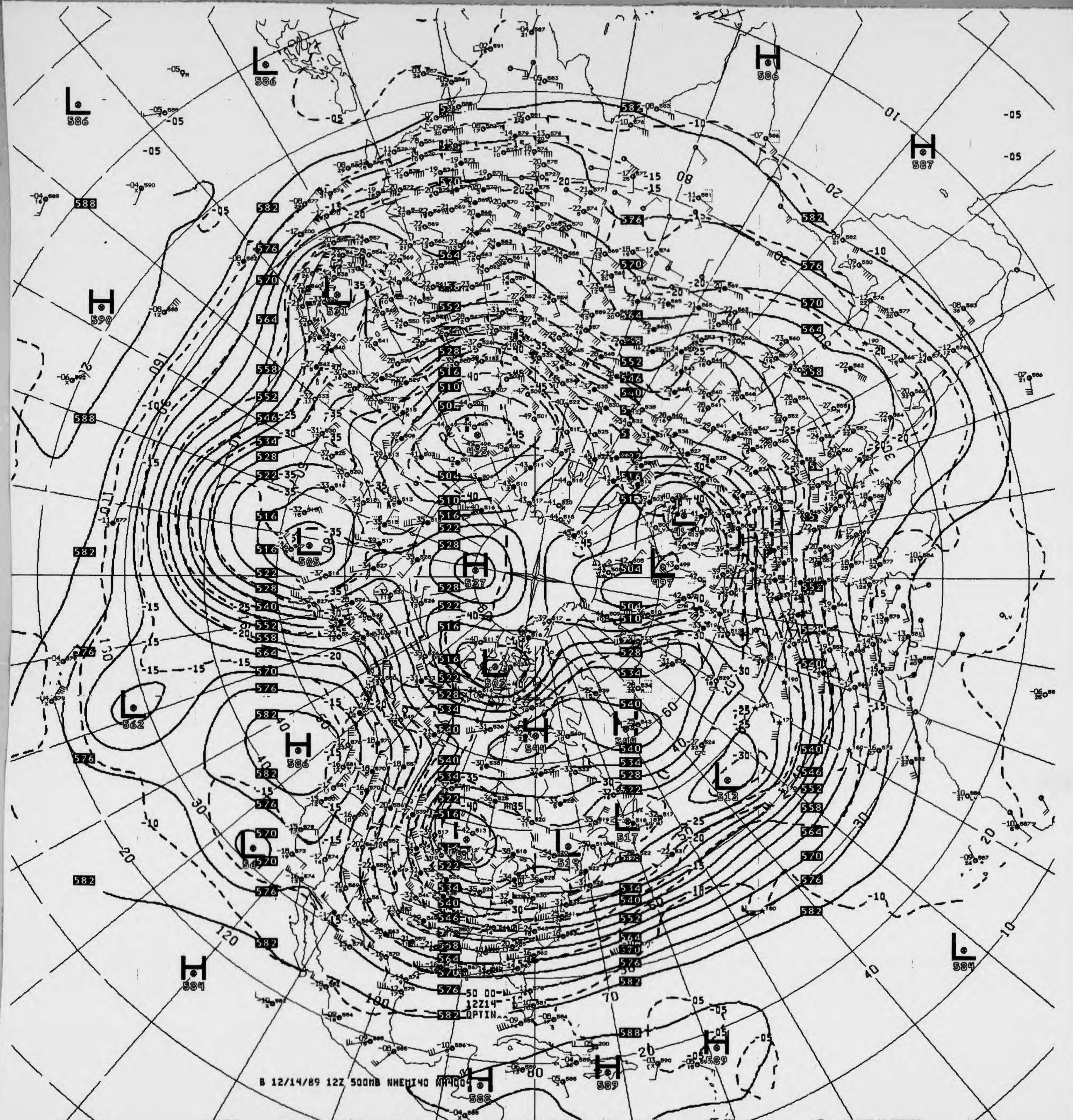
V823 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 14 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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50 00-
12Z14
OPTIN
L 586
L 586
H 586
H 587
H 590
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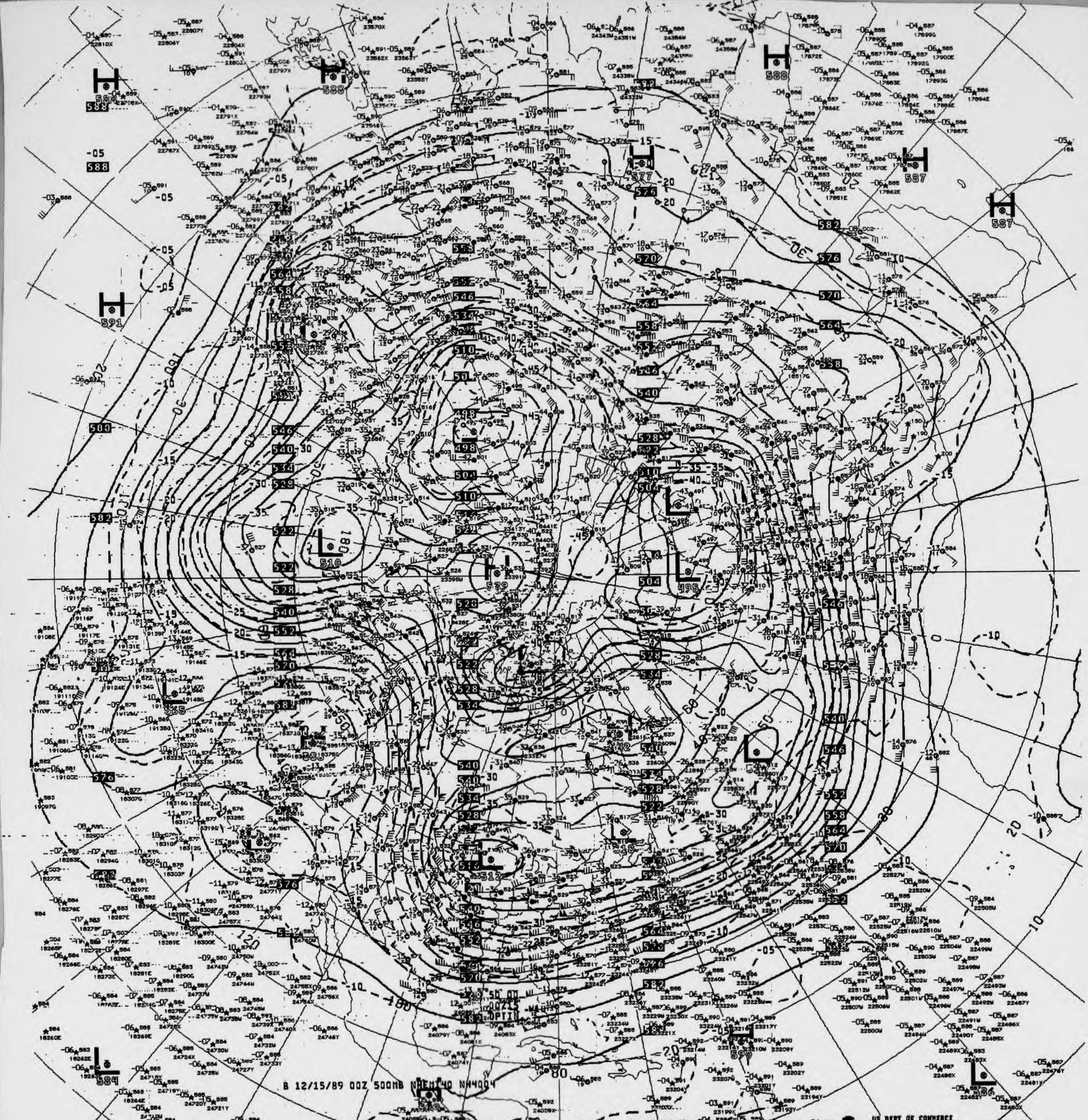
L 505
H 527
L 497
L 502
L 562
H 586
H 544
H 544
L 513
L 511
L 519
L 517
H 584
L 584
H 588
H 589
H 589

V873 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 14 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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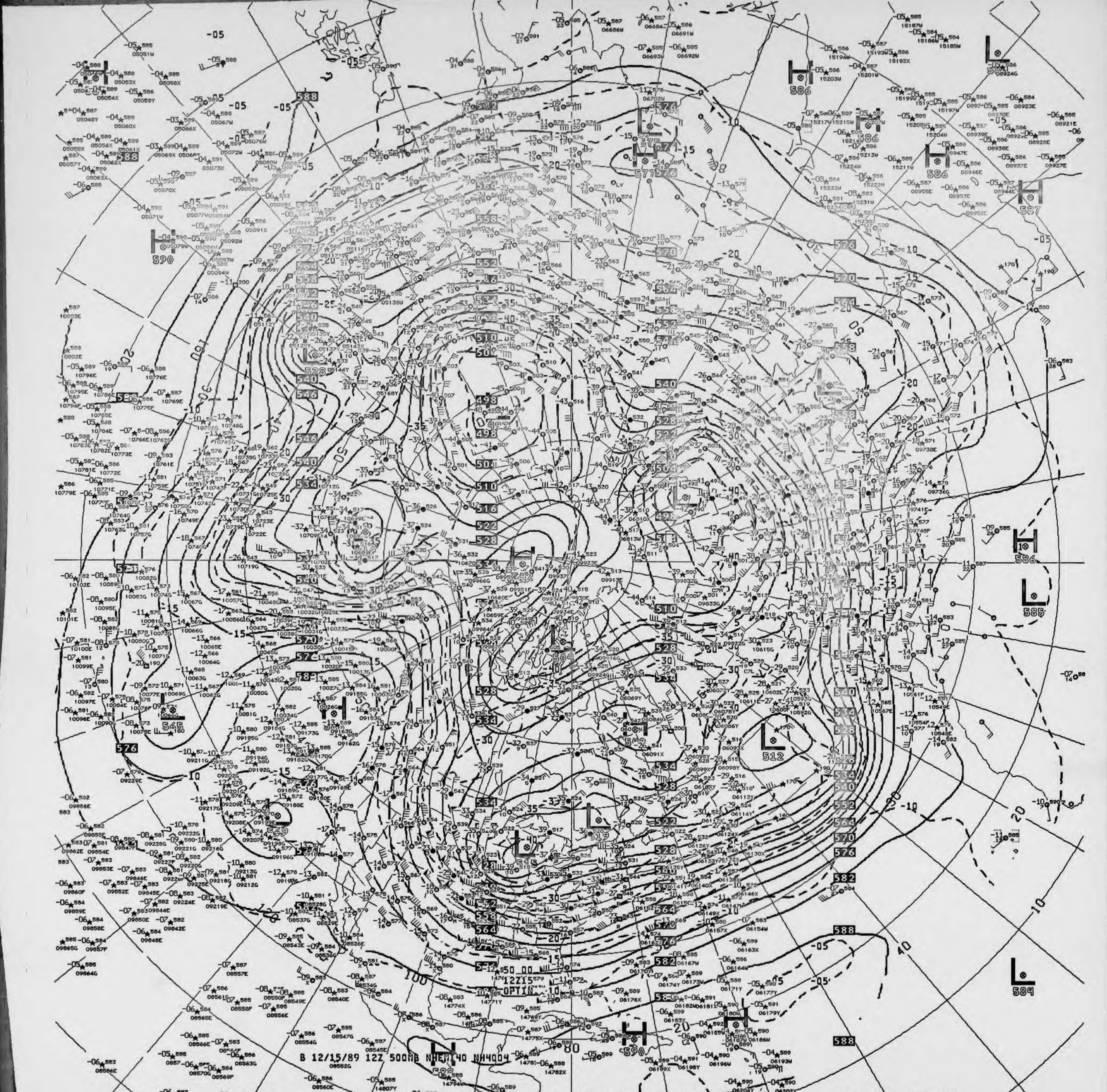
VB23 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 15 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/15/89 12Z 500MB NHEM 40 NH4004
12Z15
OPTIN
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L
590
588
586
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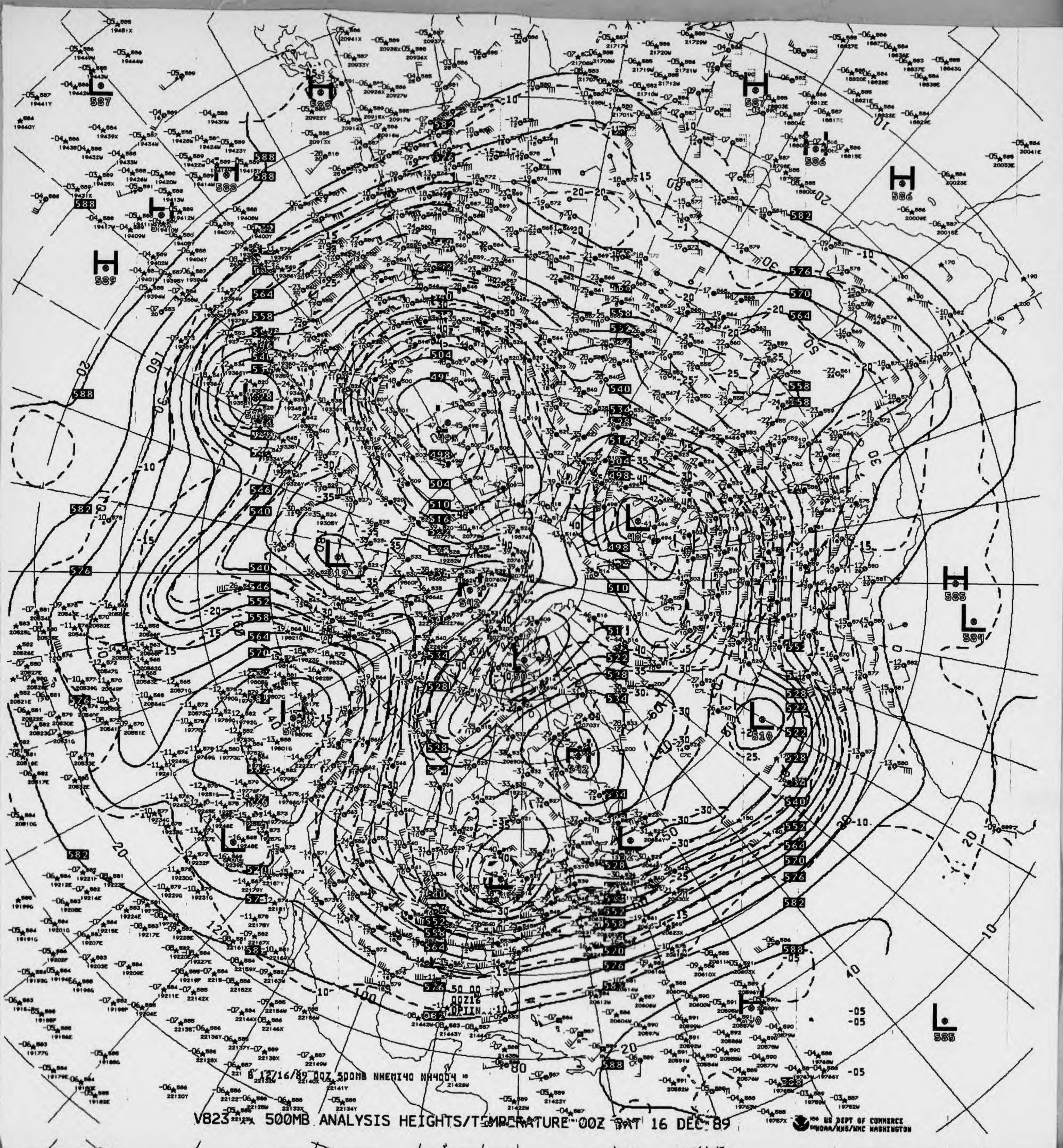
V873 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 15 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


6 12/16/89 00Z 500MB NHEMI40 NH4004
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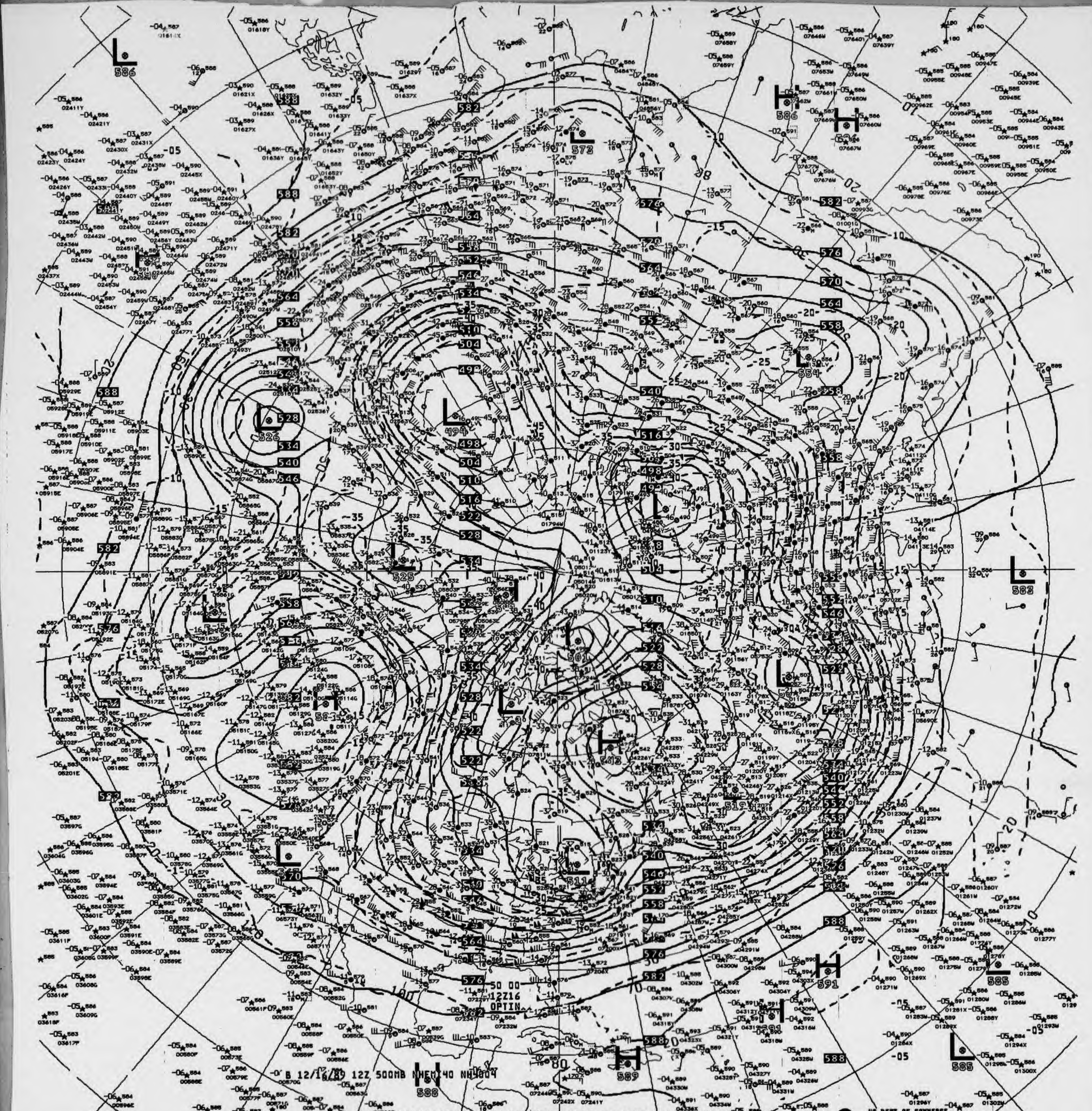
V823 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 16 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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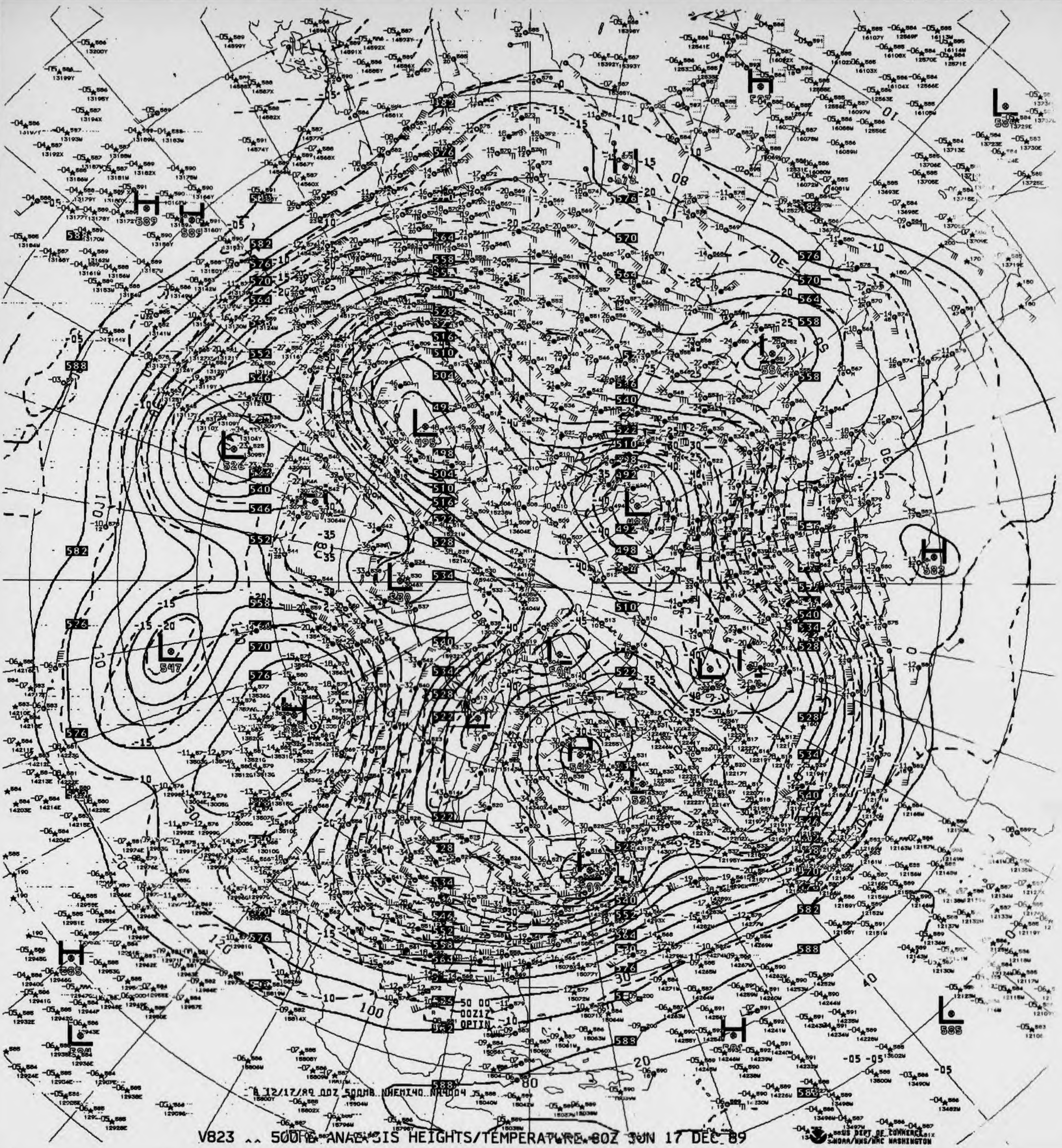
V873 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 16 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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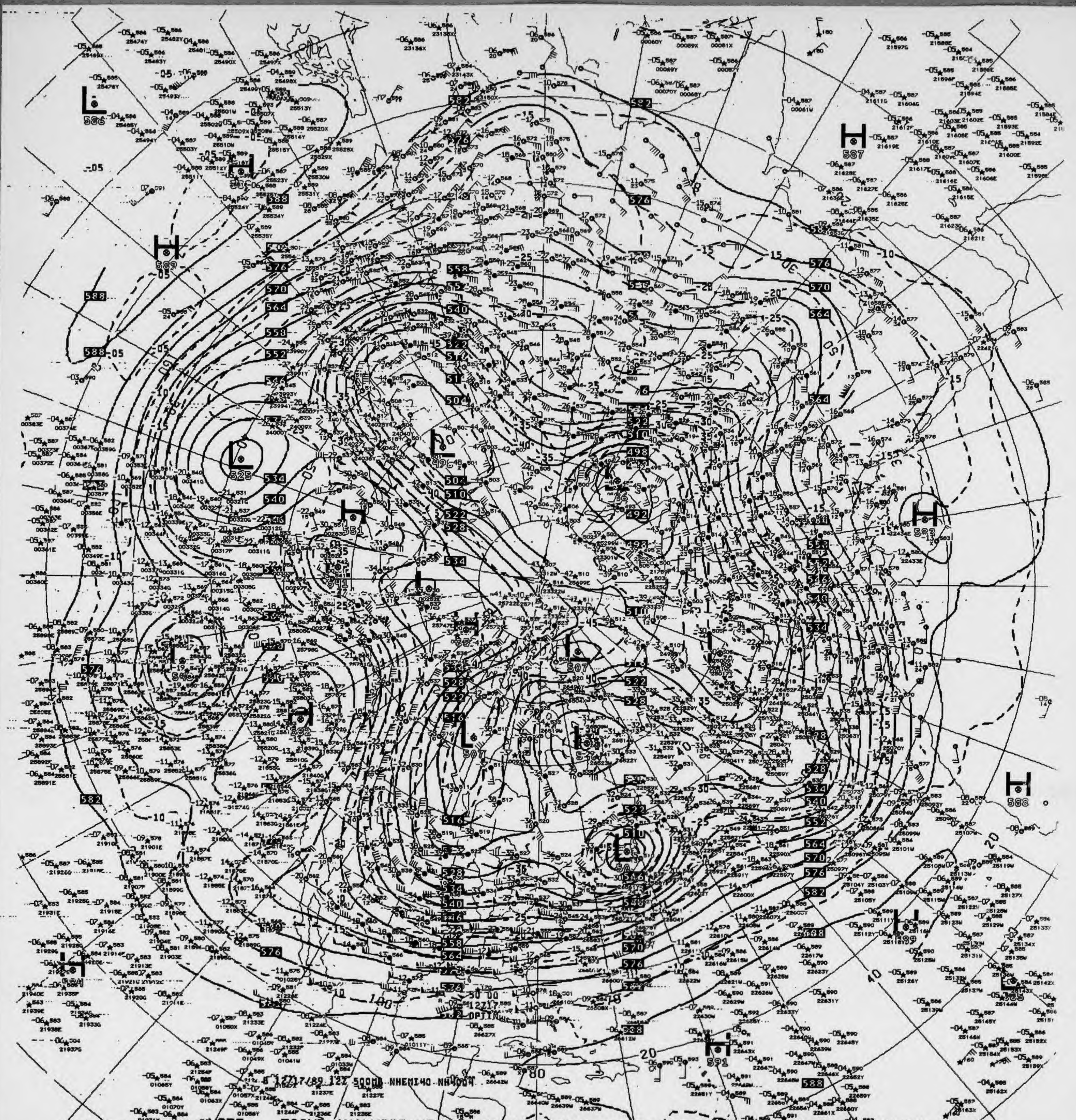
V823 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 17 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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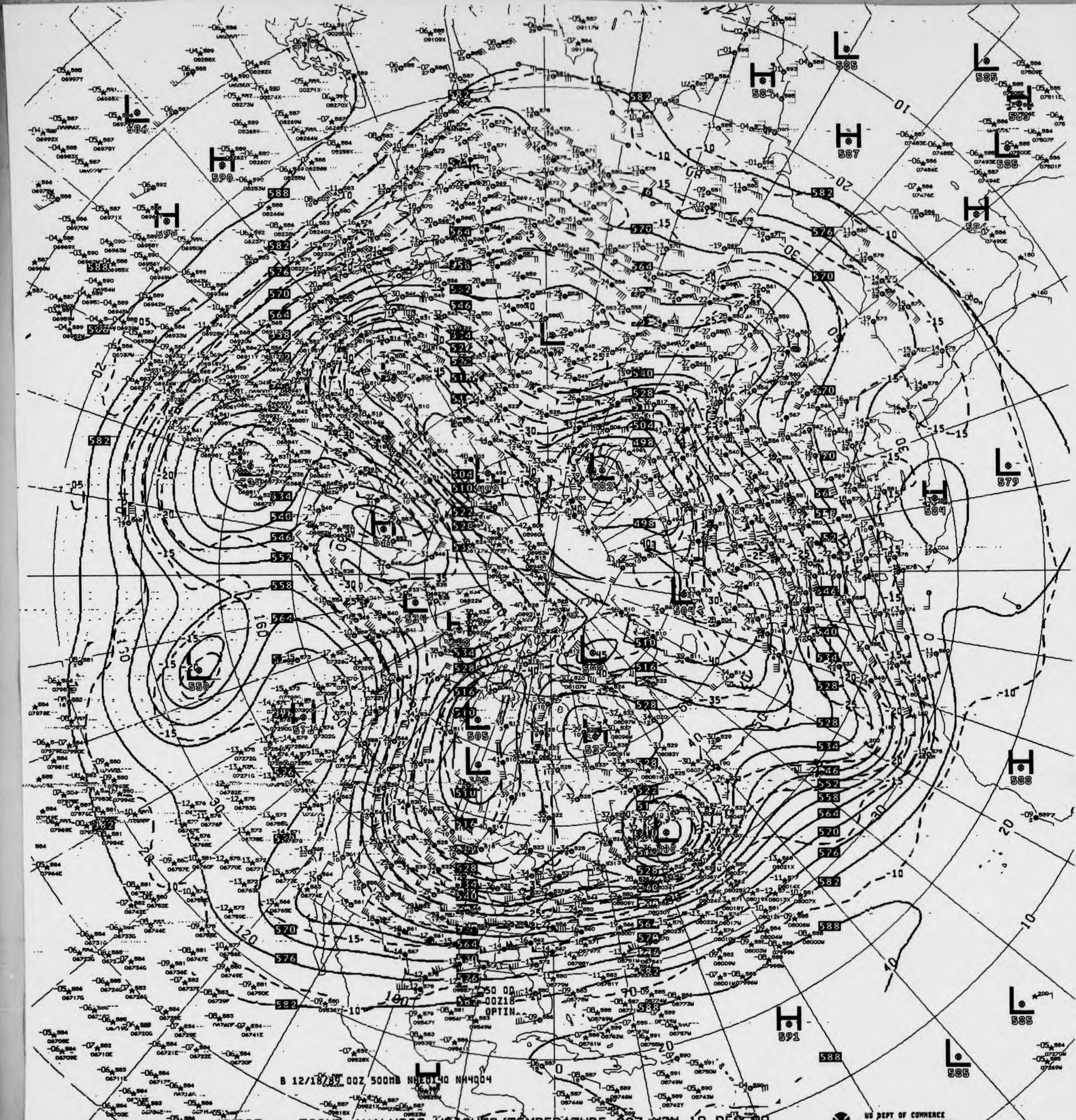
873 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 17 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/18/89 00Z 500MB NHE0140 NH4004
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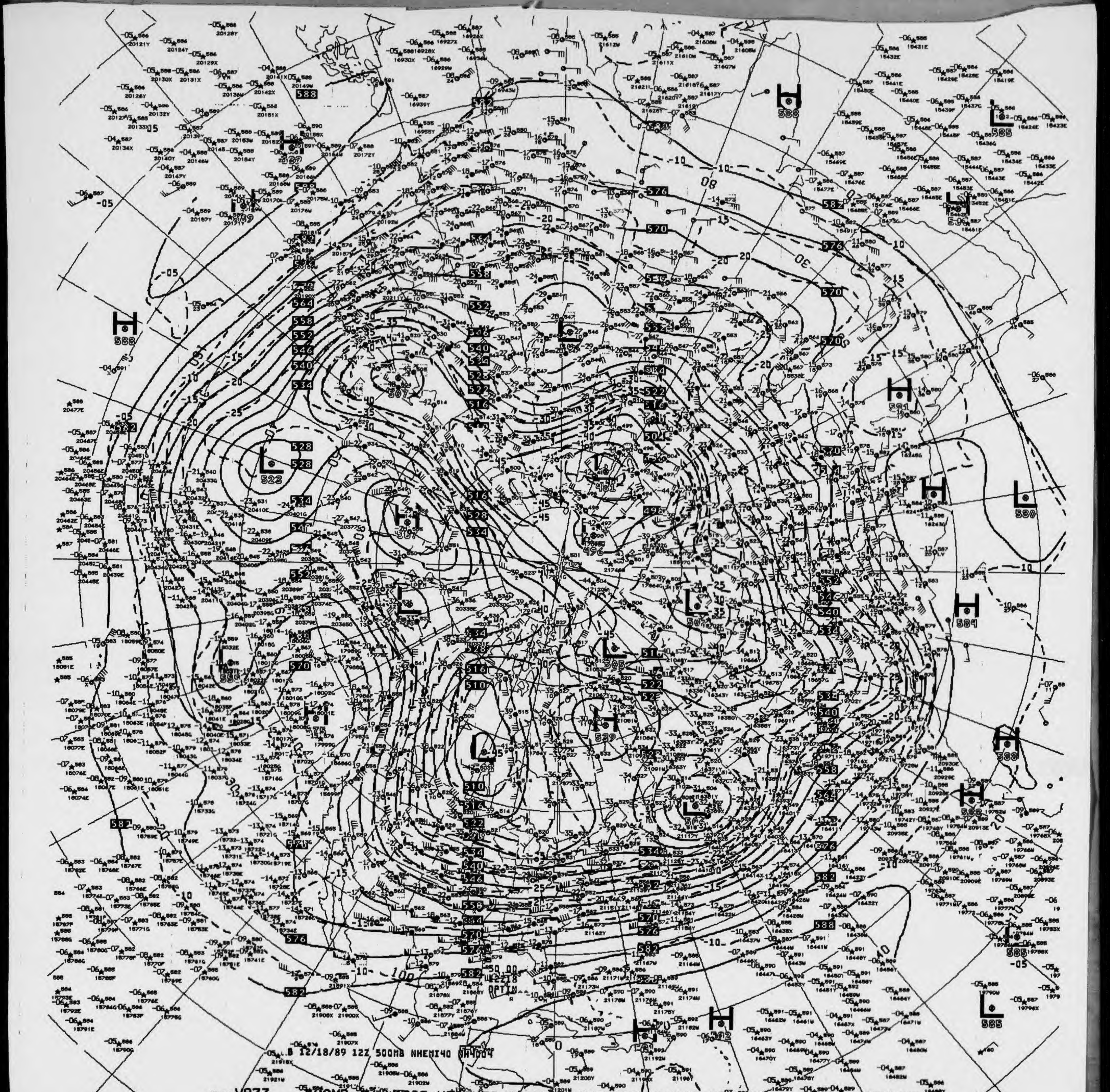
V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 18 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


8 12/18/89 12Z 500MB NHEMI40 NH4004
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522
481
496
505
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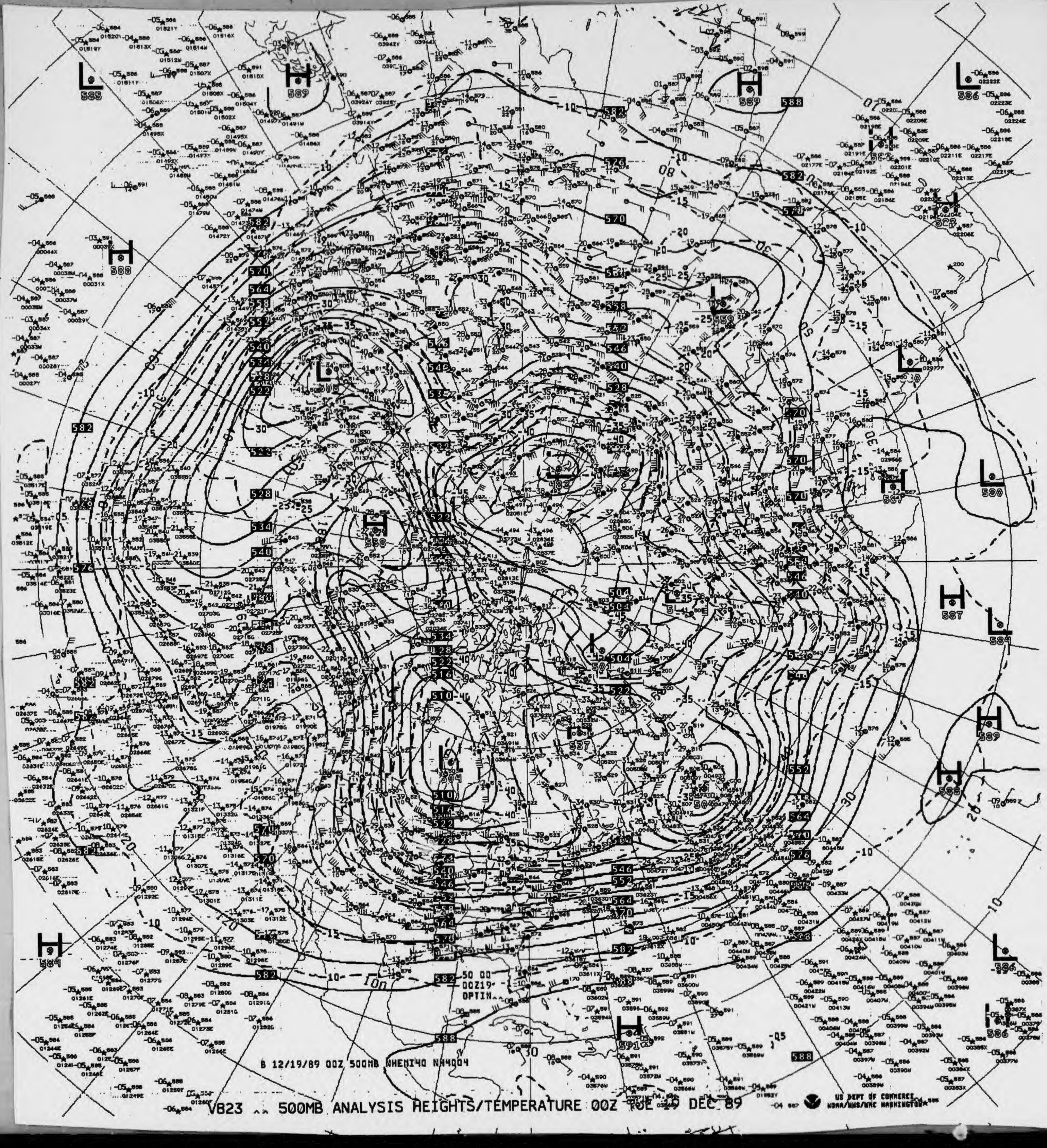
V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 18 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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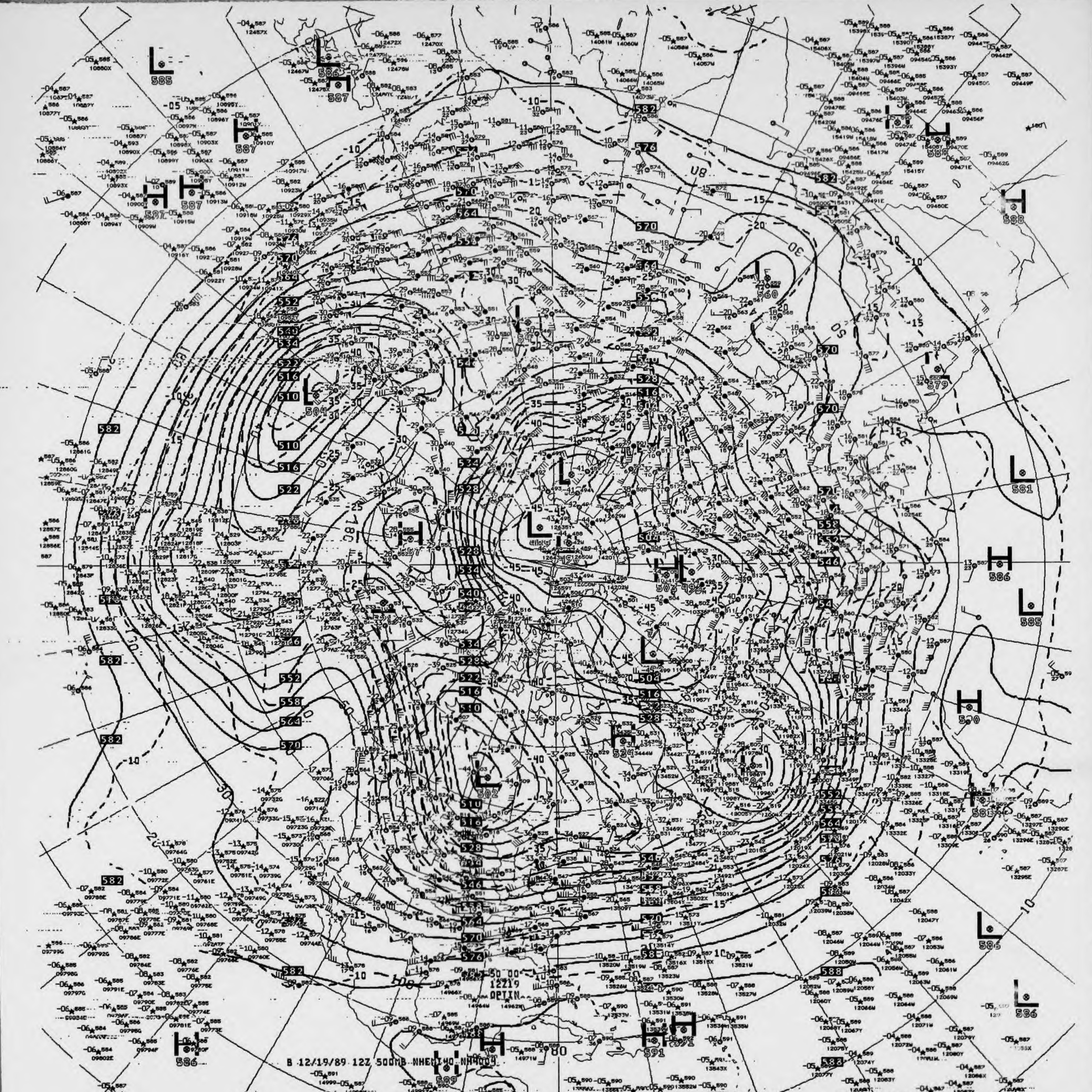
00Z19
OPTIN^^
B 12/19/89 00Z 500MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 19 DEC 89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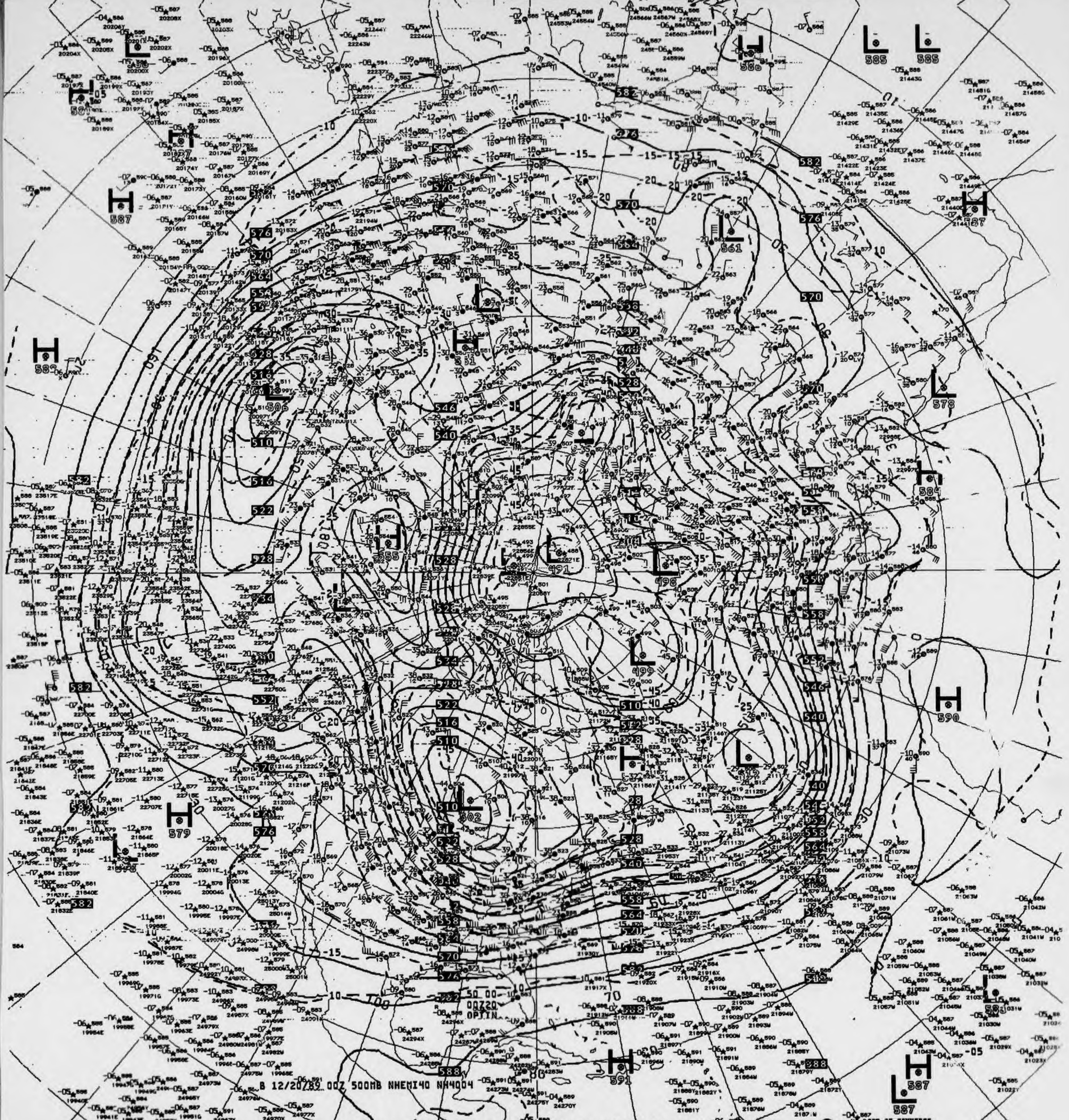
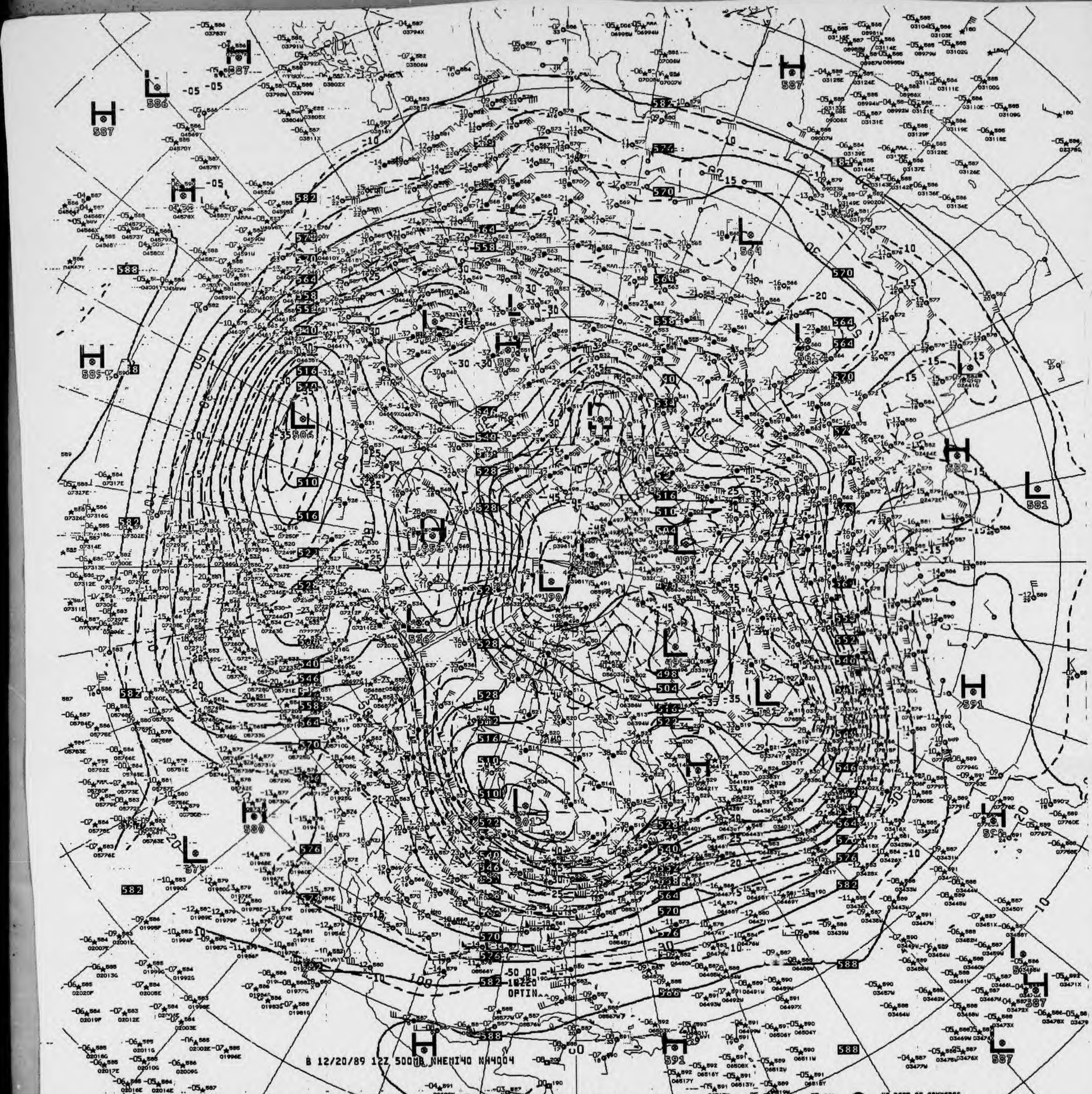
OPTIN

V873 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 19 DEC 89

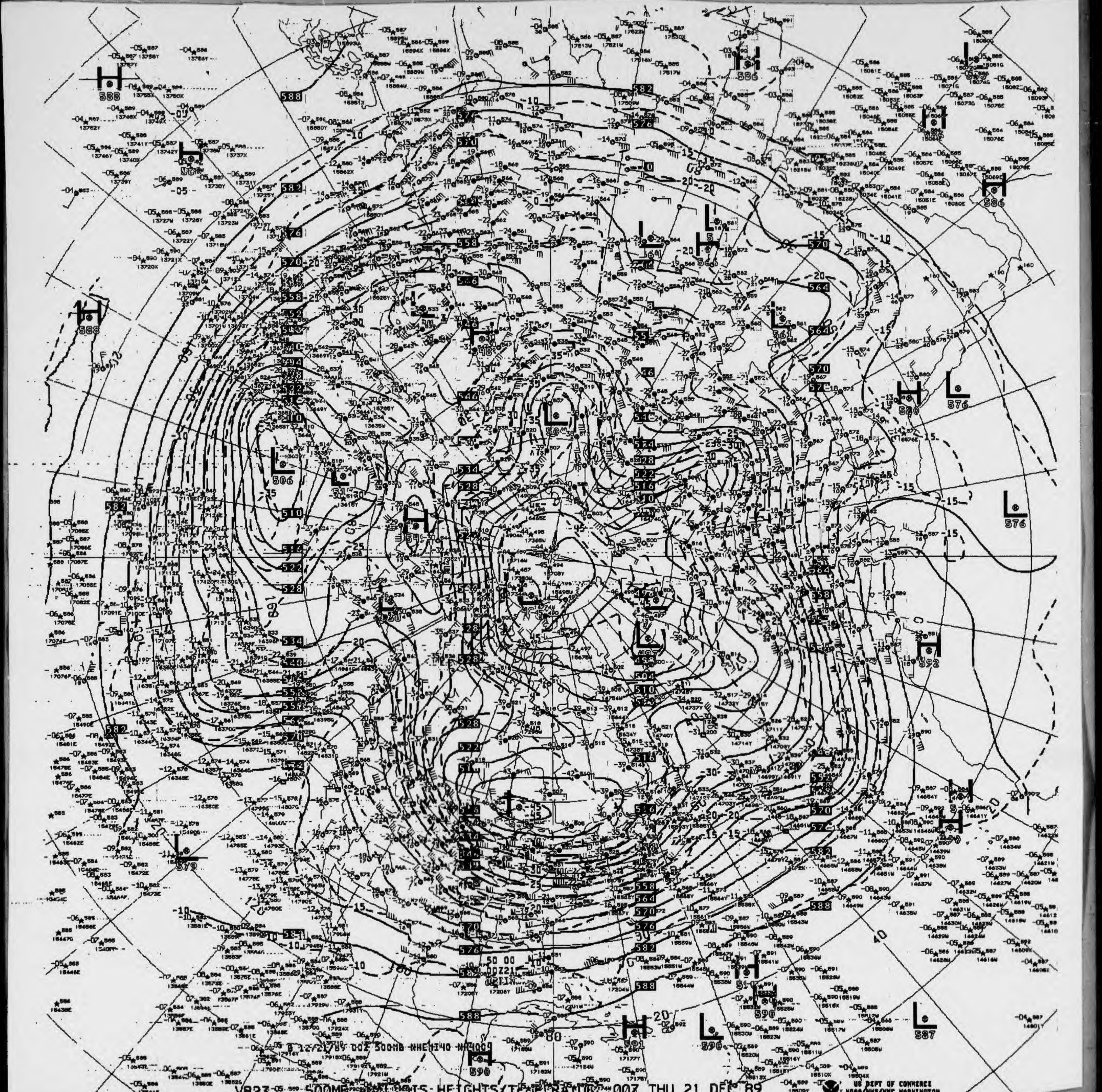
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/20/89 00Z 500MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V823 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 20 DEC 89


B 12/20/89 12Z 500MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 20 DEC 89


12/21/89 00Z 500MB NHEMI40 NMC
H 588
H 586
L 506
L 576
H 592
L 587
H 590
L 590
H 591
588
582
576
570
564
558
552
546
540
534
528
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516
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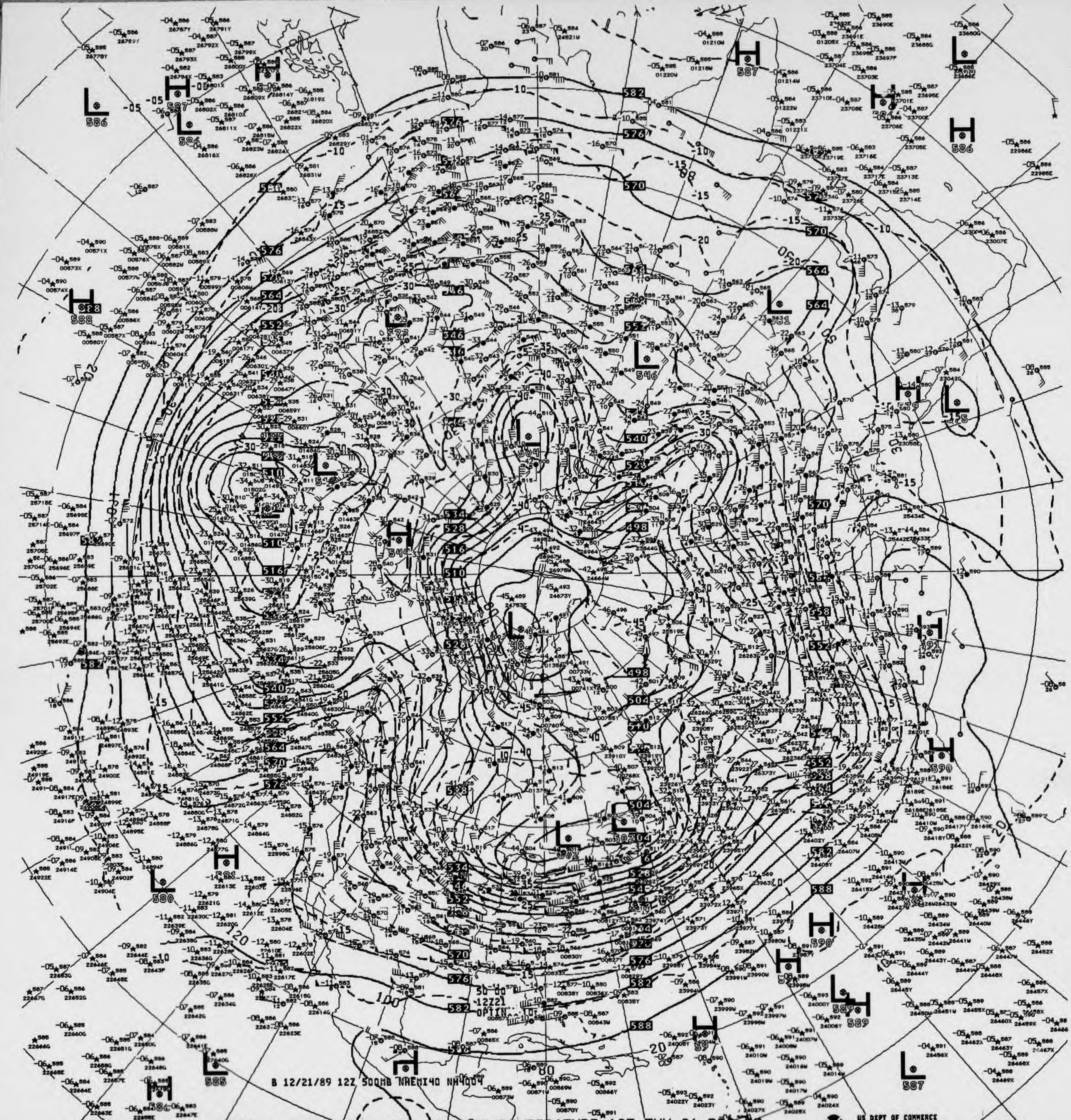
504

V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 21 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/21/89 12Z 500MB NAEMI40 NH4004
582
576
570
564
588
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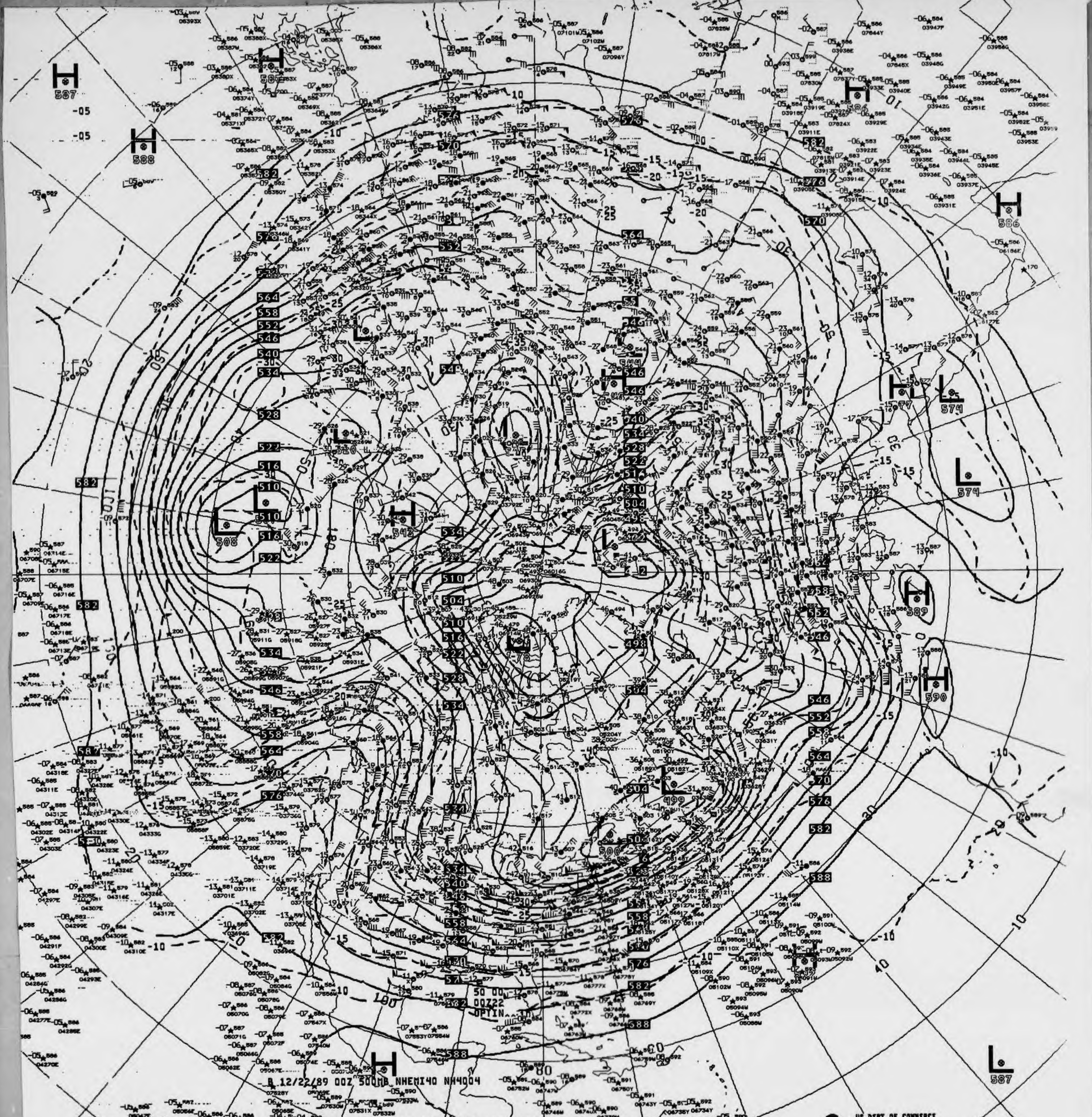
L

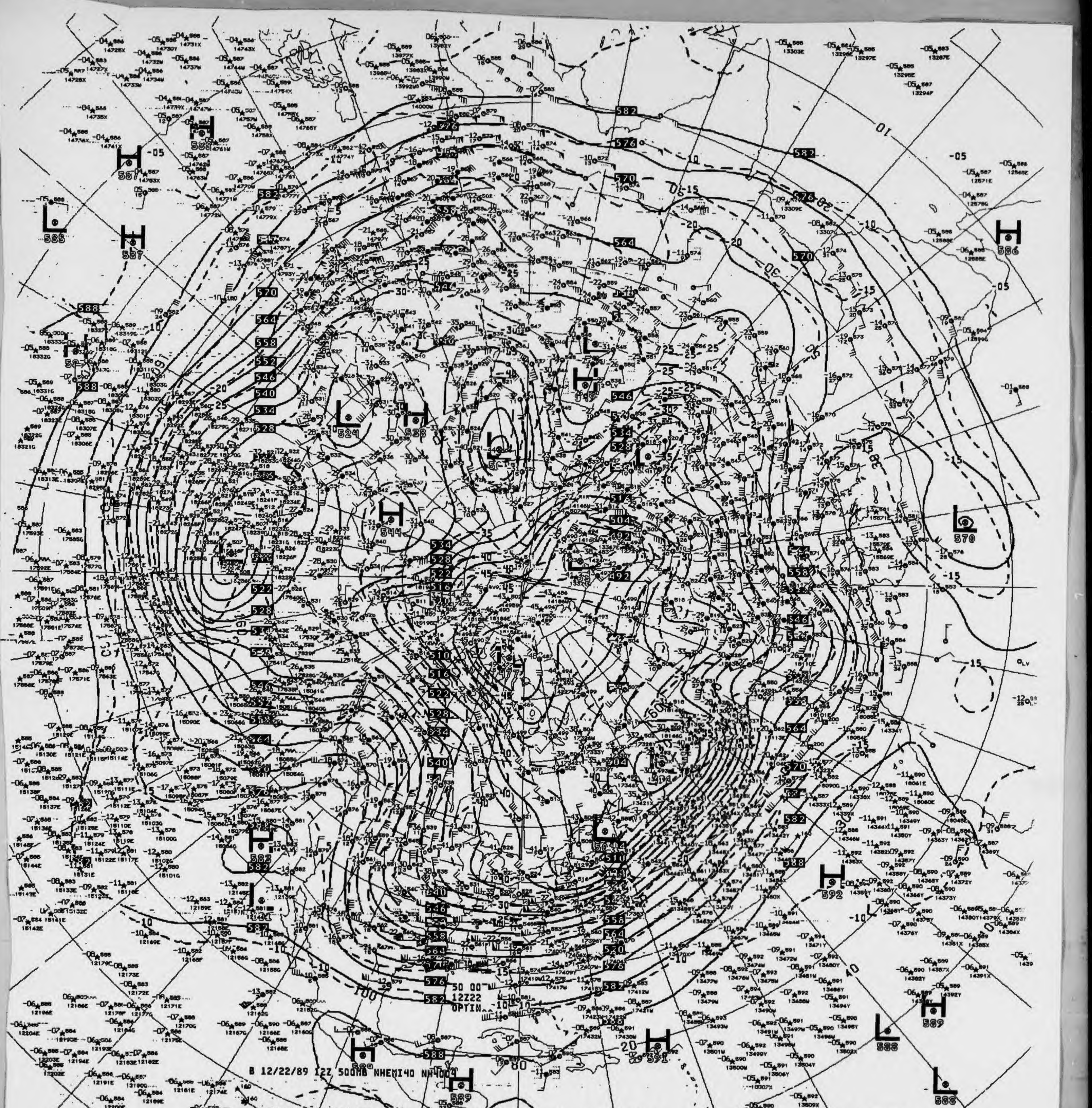
V873 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 21 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/22/89 00Z 500MB NHEMI40 NH4004

V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 22 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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12Z22
OPTIN
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582
576
570
564
558
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546
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534
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522
516
510
504
492
-10
-15
-20
-25
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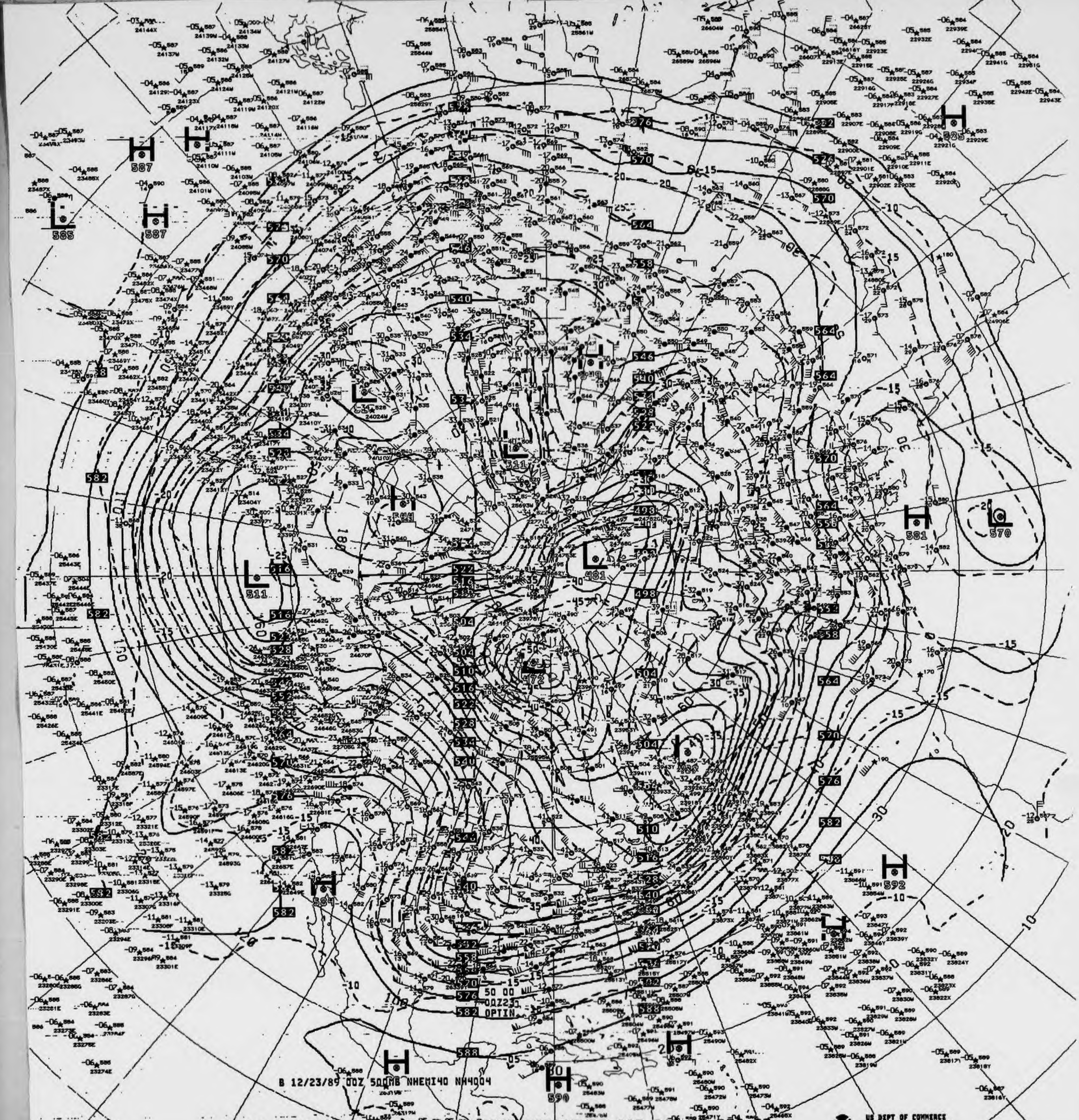
VA23 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 22 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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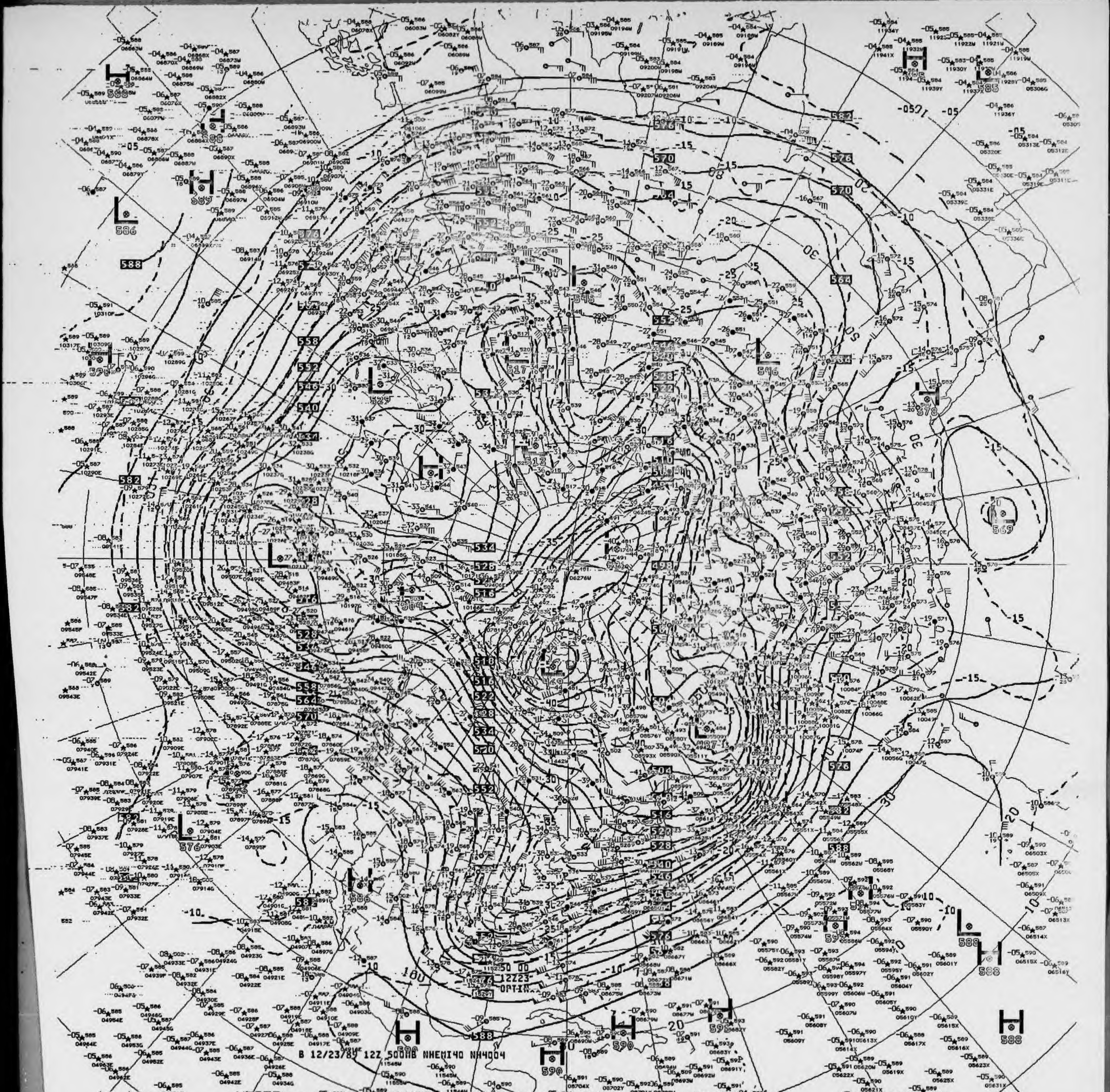
00Z23
OPTIN

V823 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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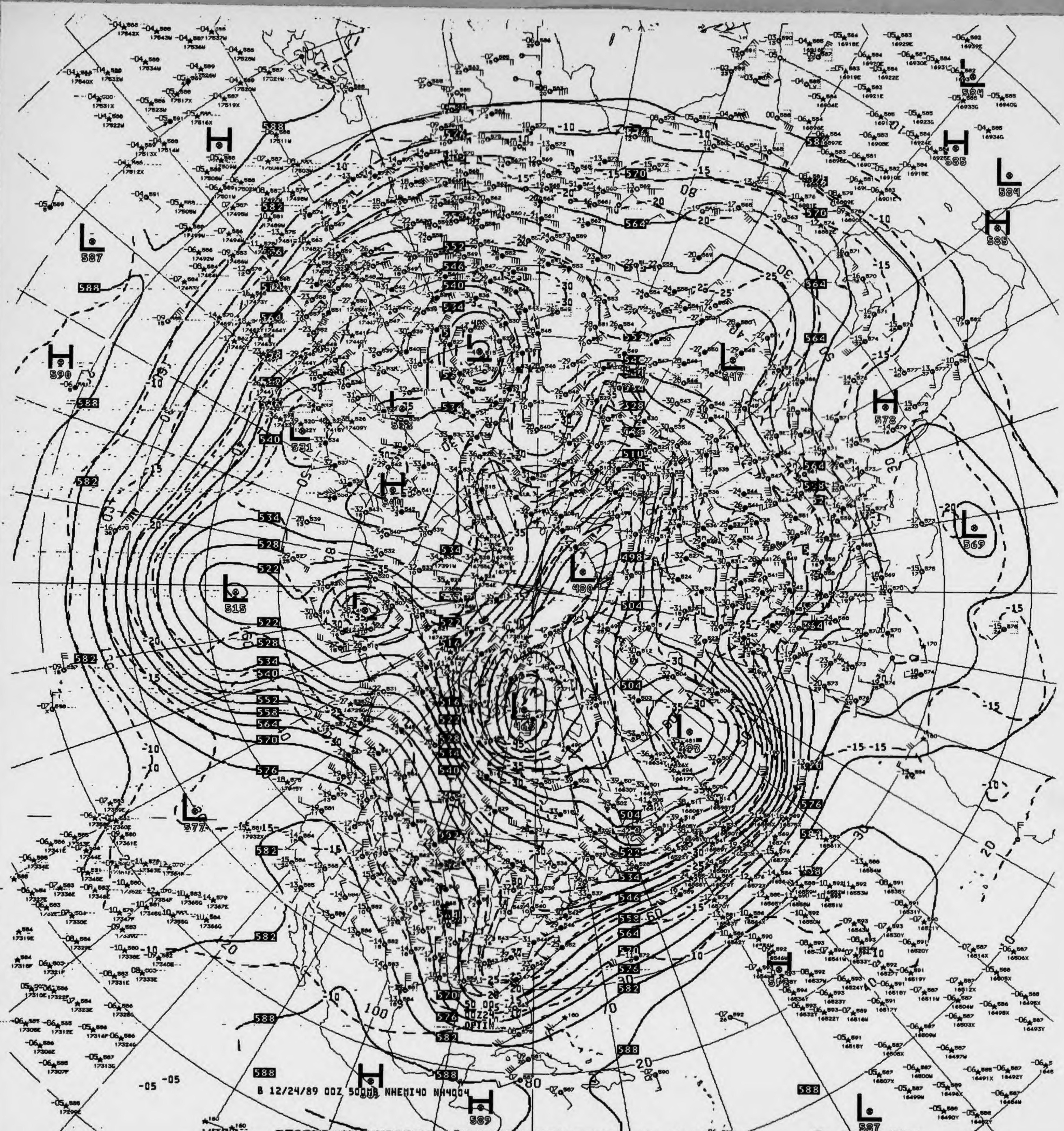
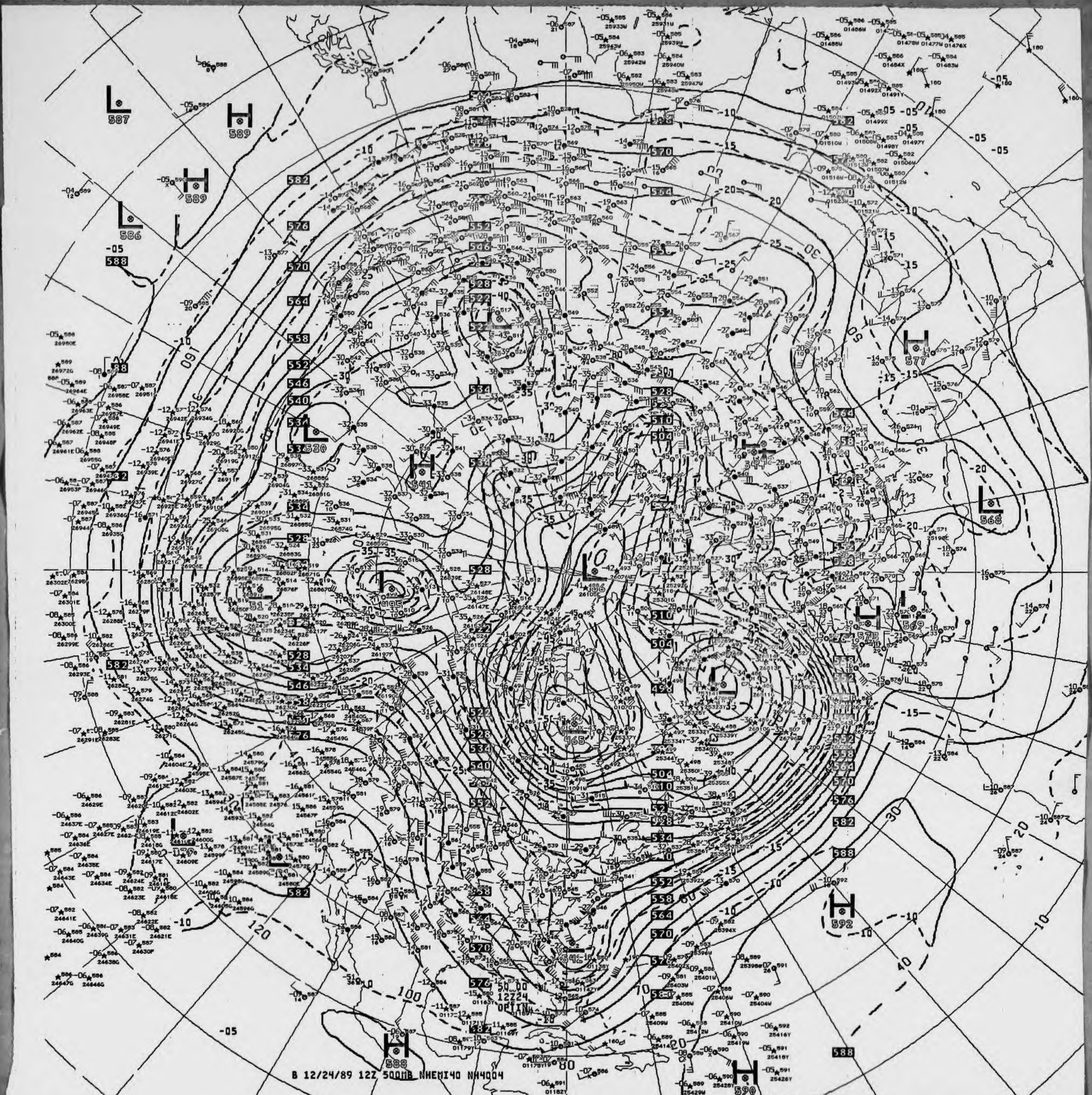
V873 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/24/89 00Z 500MB NHEMI40 NH4004

V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 24 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/24/89 12Z 500MB NHEMI40 NH4004
H 589
H 589
L 587
L 586
L 530
H 541
L 495
L 486
L 465
H 577
L 566
H 569
H 592
H 588
H 590
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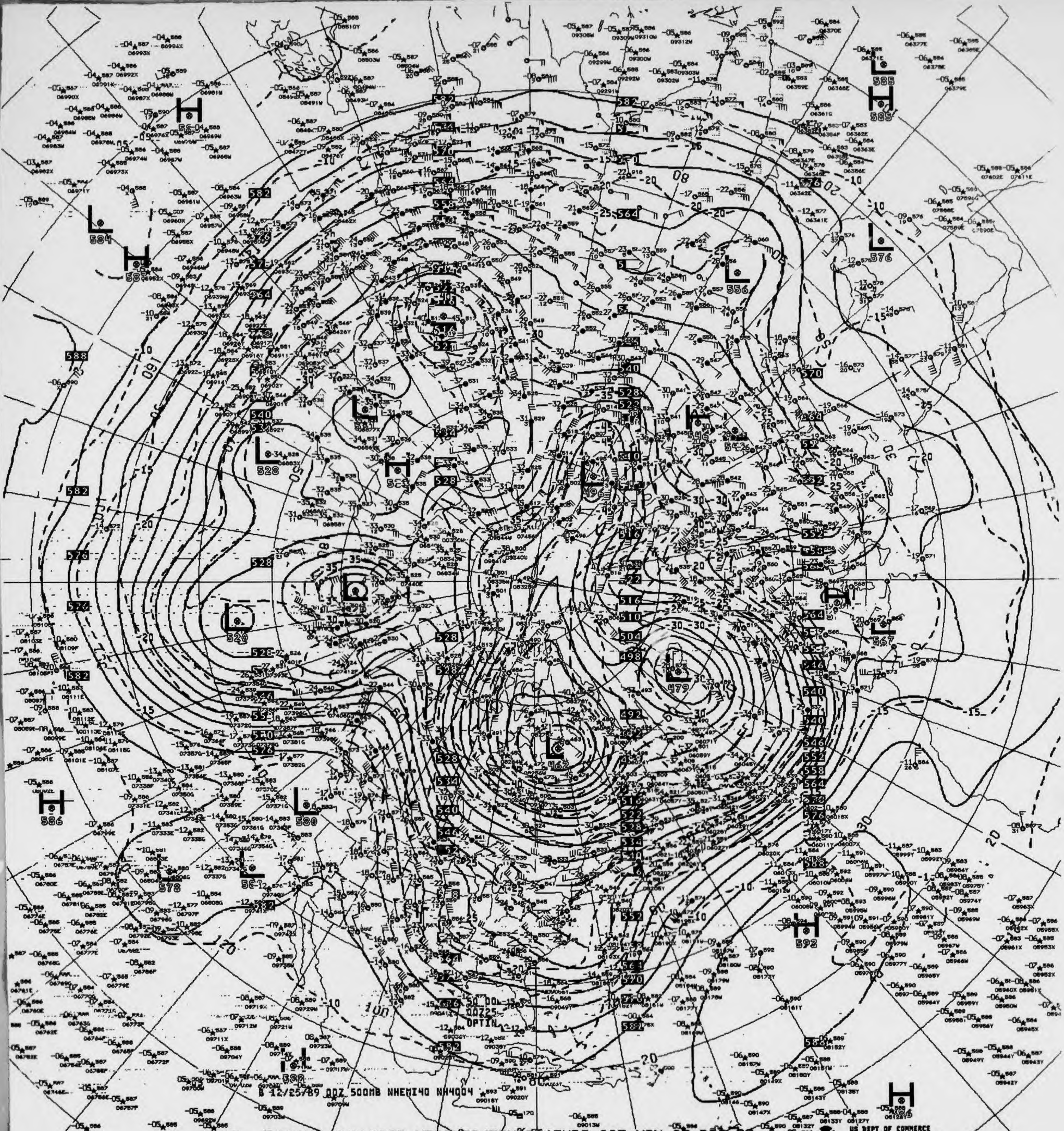
12Z24
OPTIN

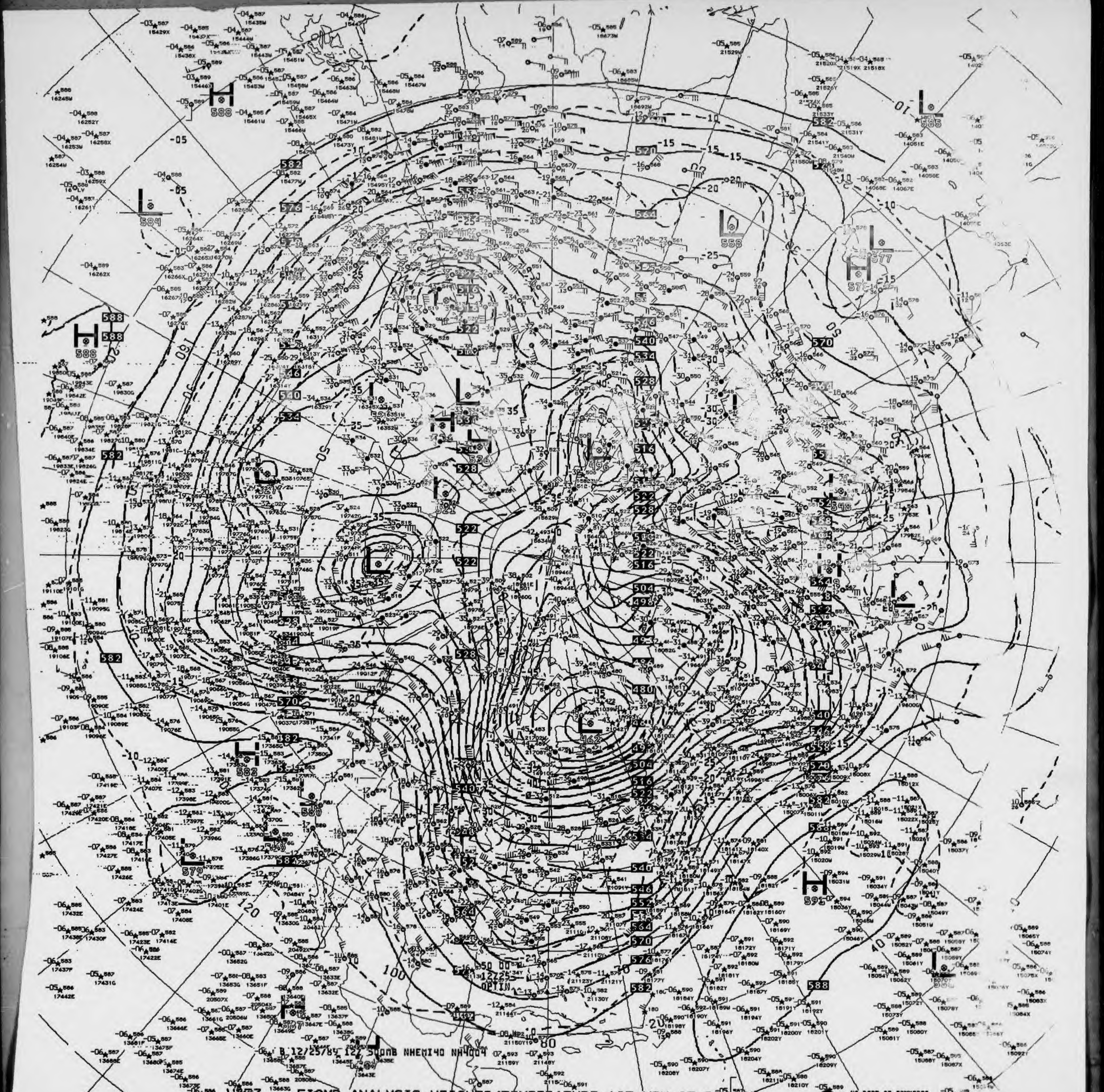
V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 24 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


8 12/25/89 00Z 500MB NHEMI40 NH4004

V823 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 25 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/25/89 12Z 500MB NHEMI40 NH4004
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588
582
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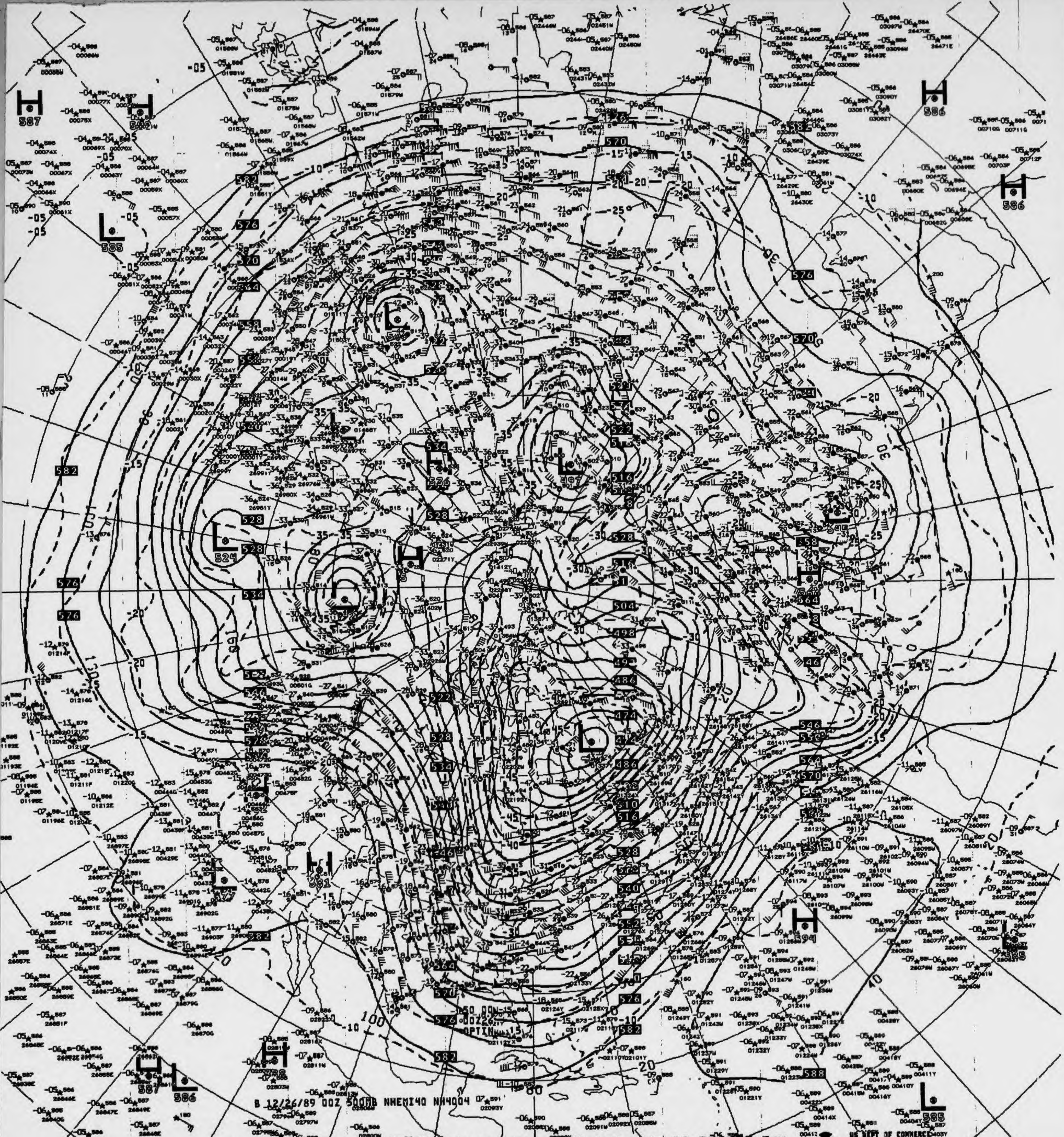
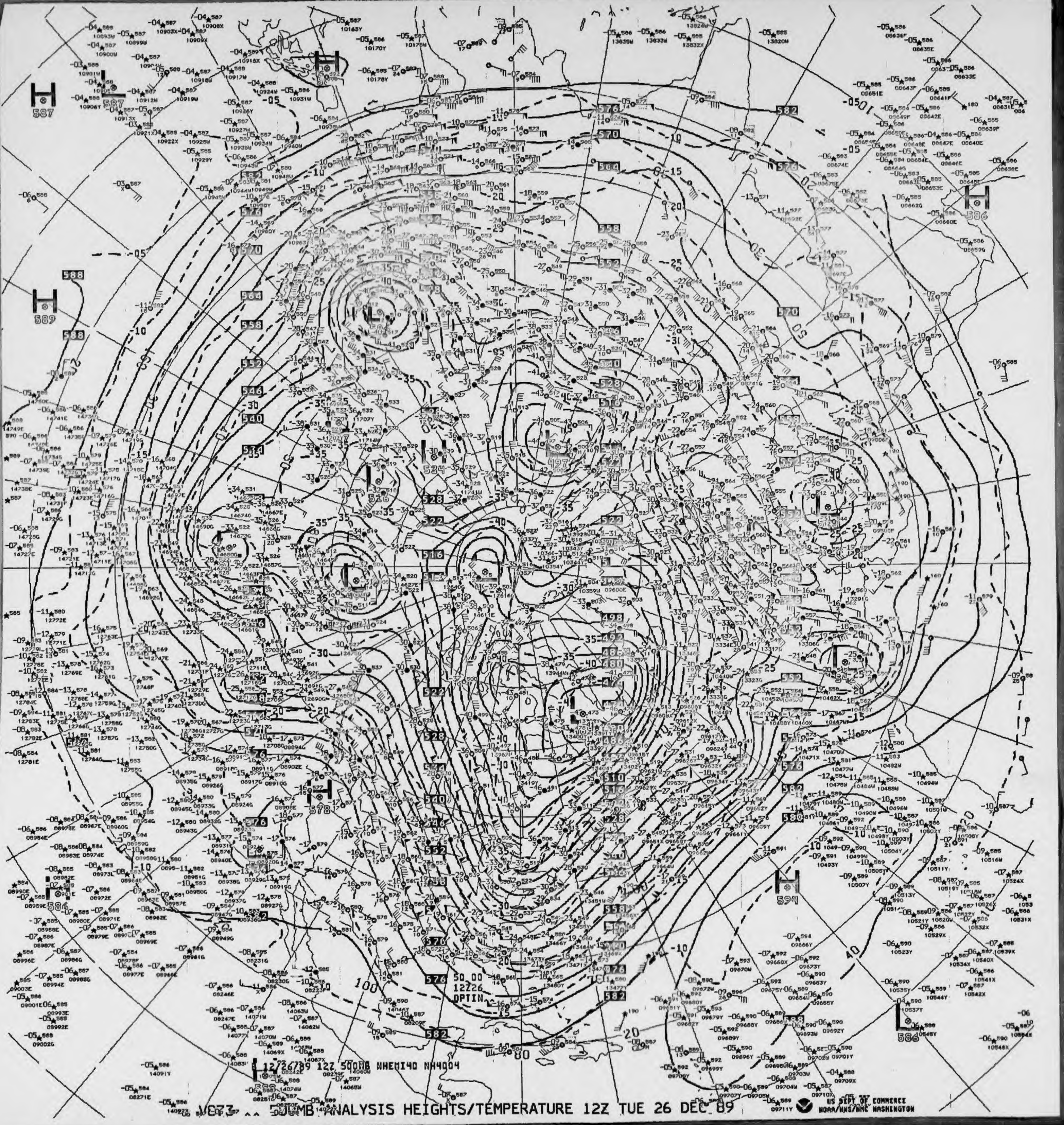
V873 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 25 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/26/89 00Z 500MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 26 DEC 89



H 587
H 589
H 586
H 594
H 578
L 586
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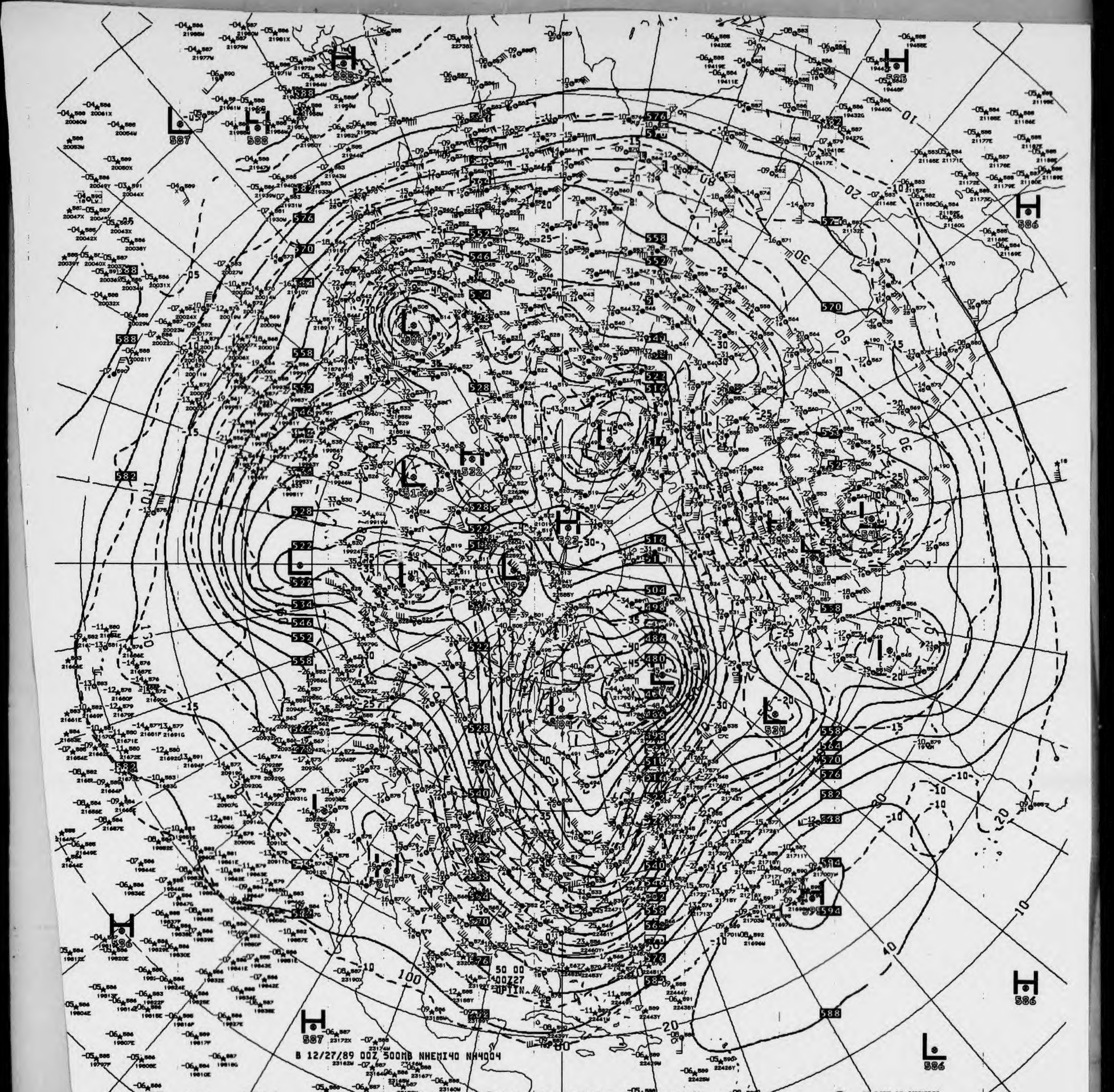
12Z26
OPTIN
12/26/89 12Z 500MB NHEMI40 NH4004

V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 26 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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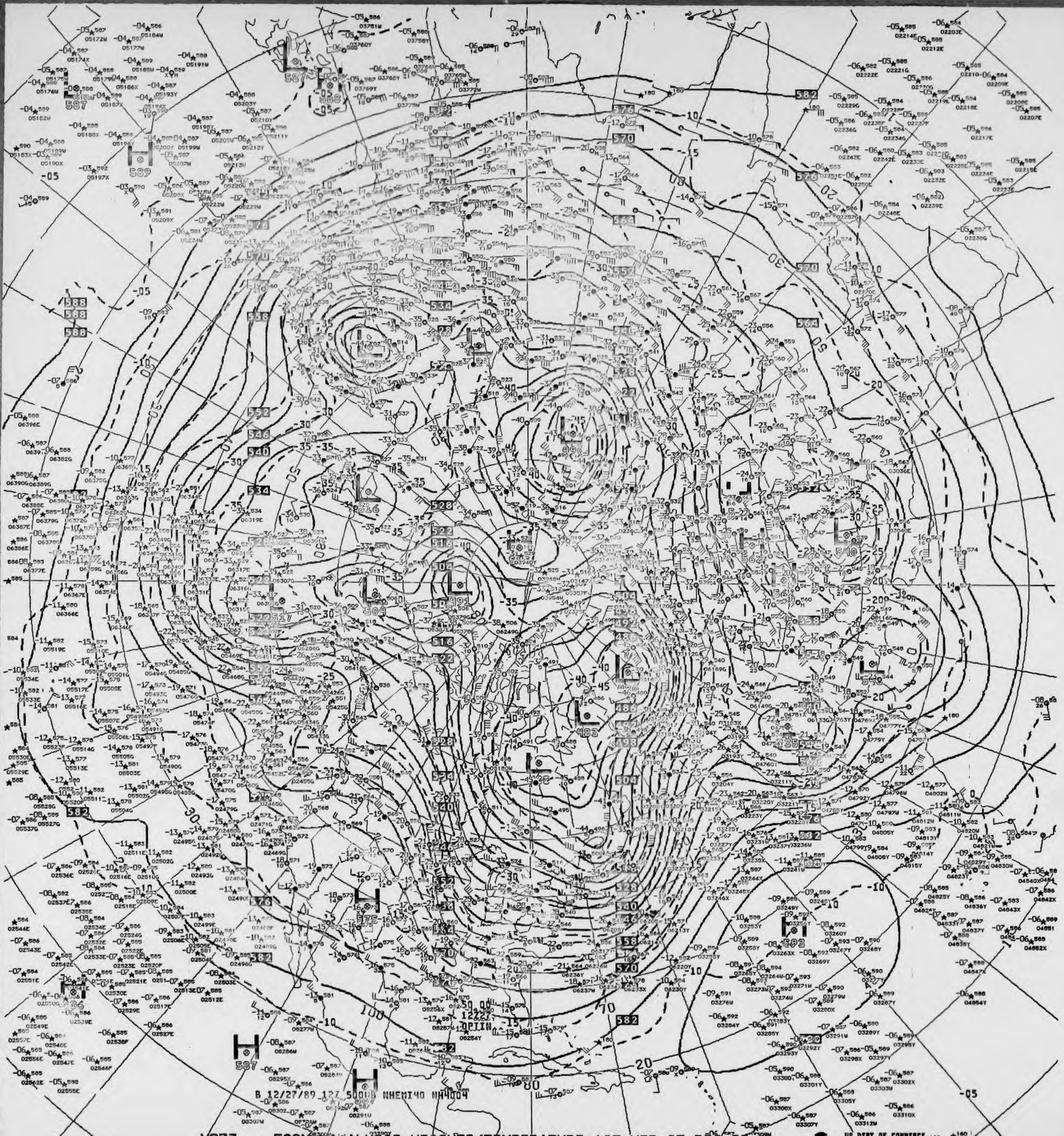
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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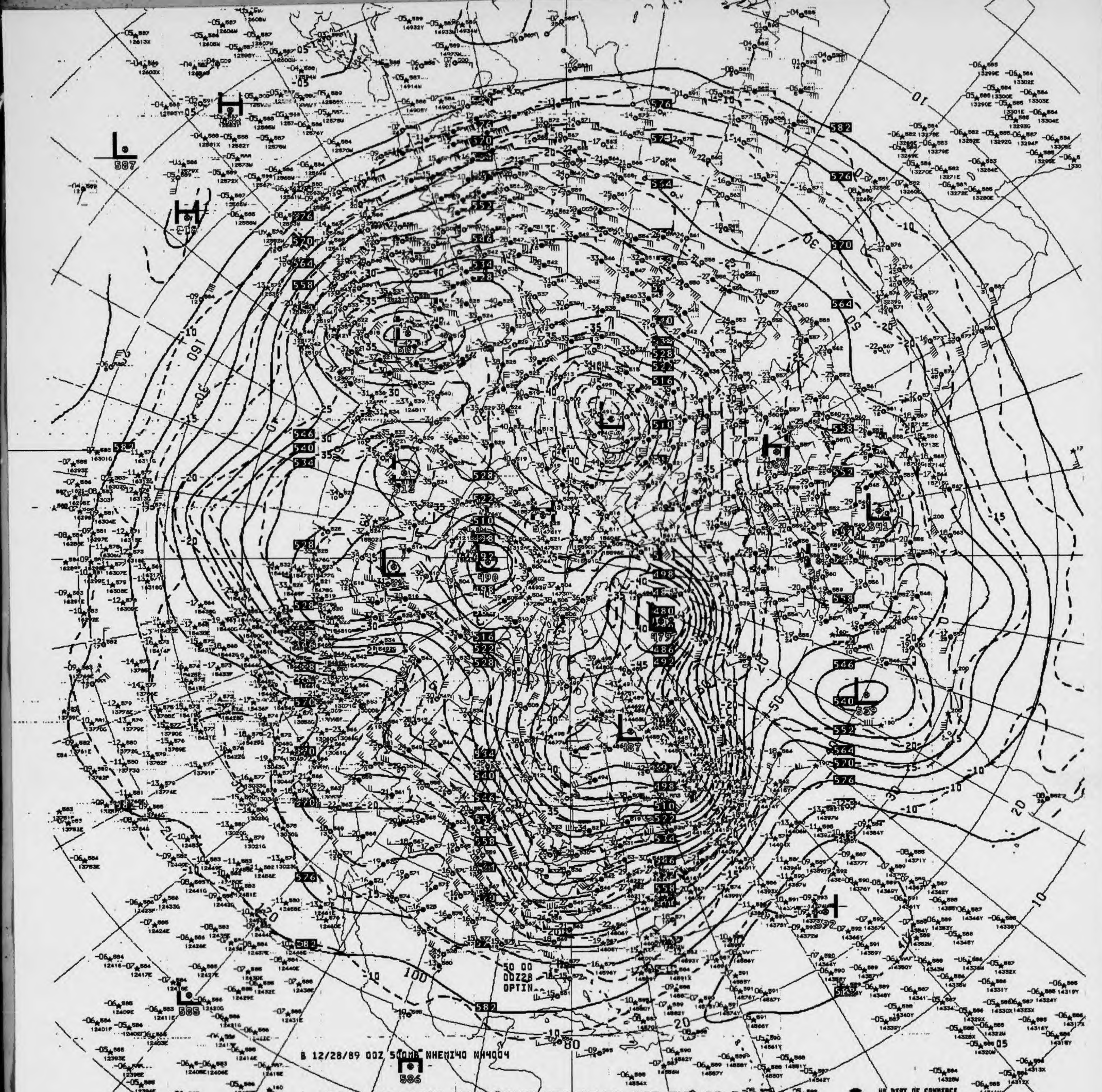
V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 27 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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00Z28
OPTIN
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L 513
L 490
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L 487
L 529
L 541
H 560
L 585
H 586
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522
516
510
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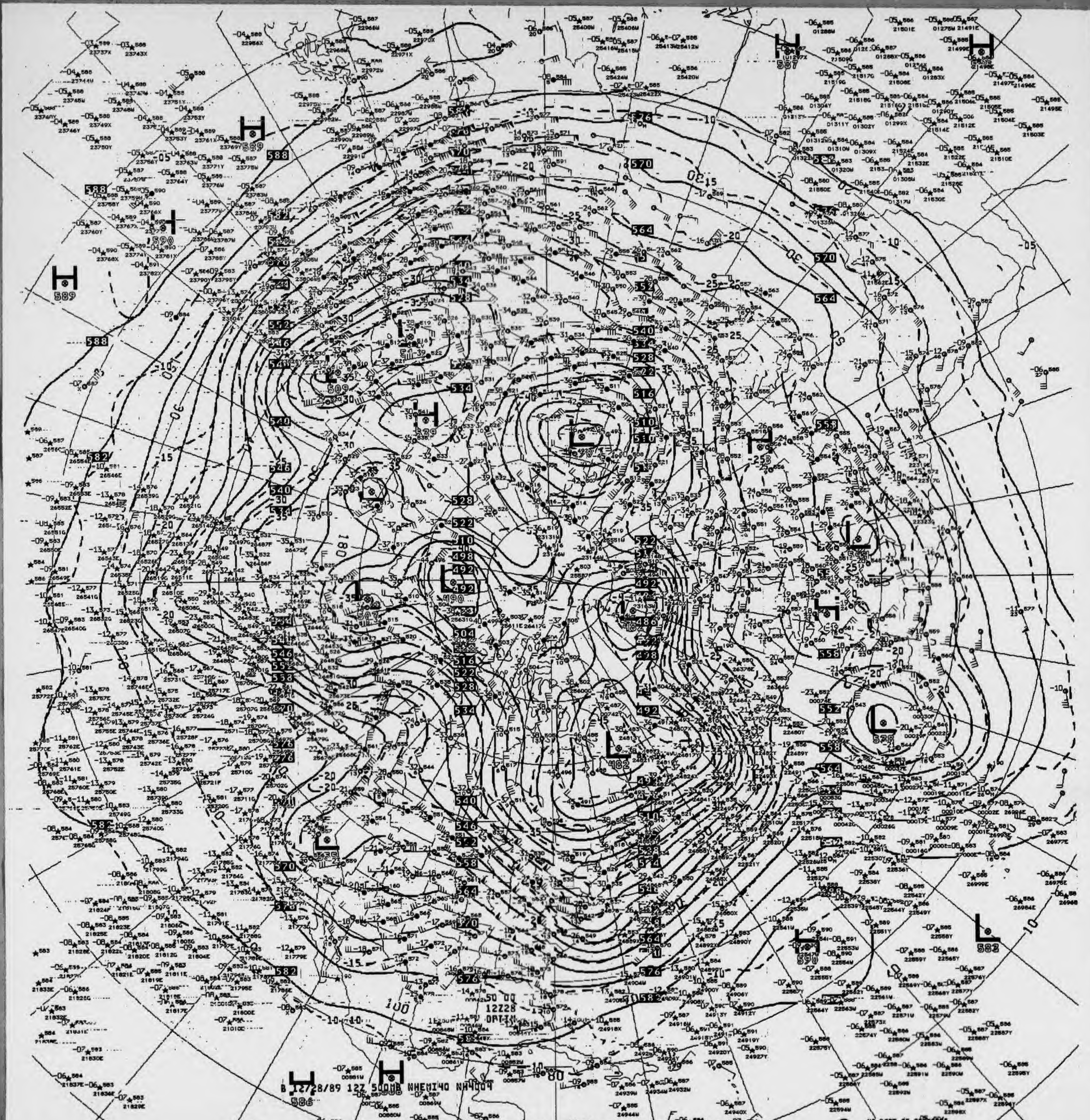
492
486

V823 ... 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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12Z28
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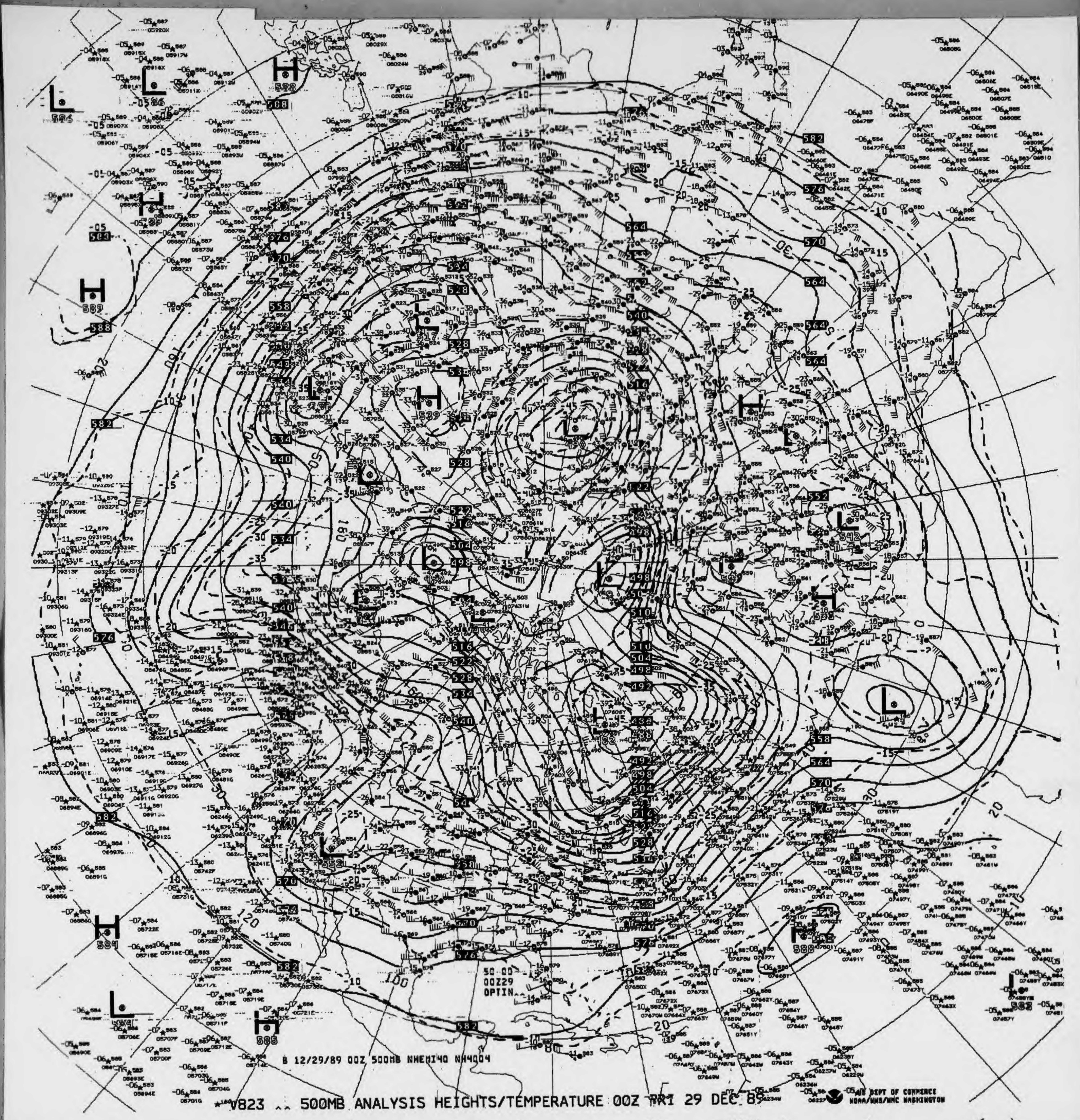
V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURES 12Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z29
OPTIN
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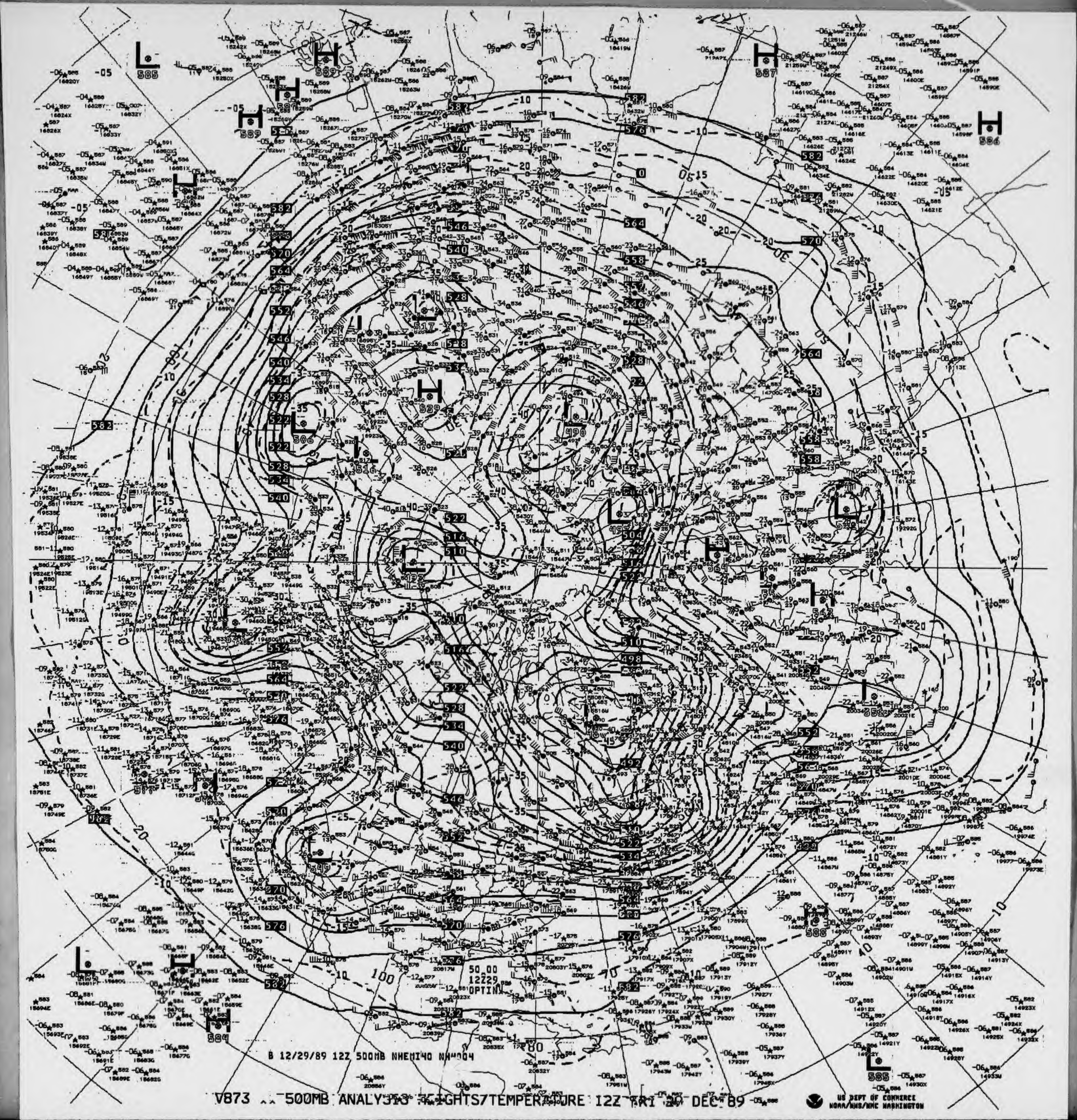
V823 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/29/89 12Z 500MB NHEMI40 NH4004

V873 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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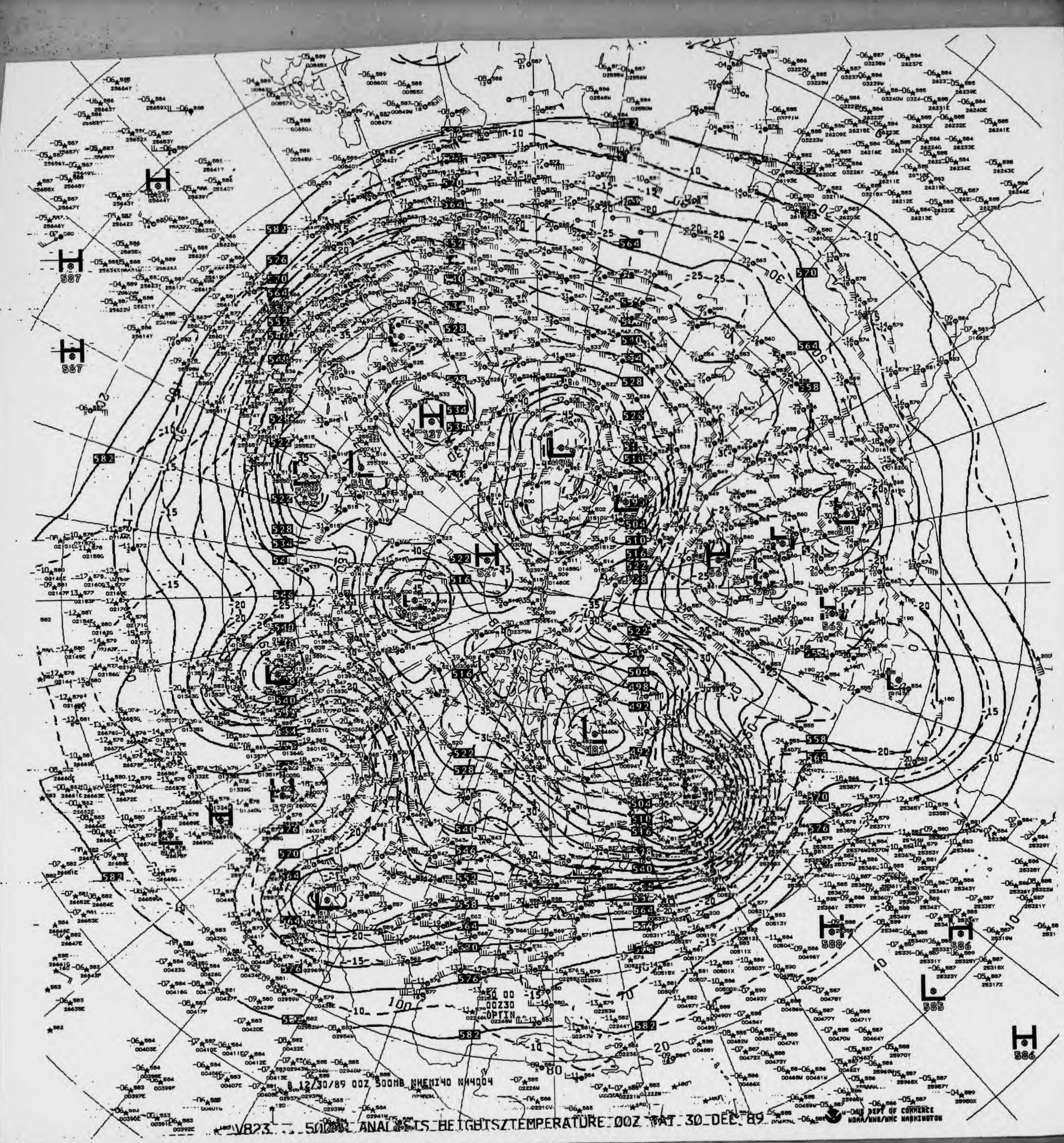
12Z29
OPTIN



B 12/30/89 00Z 500MB NHEMI40 NA4004
OPTIN
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587
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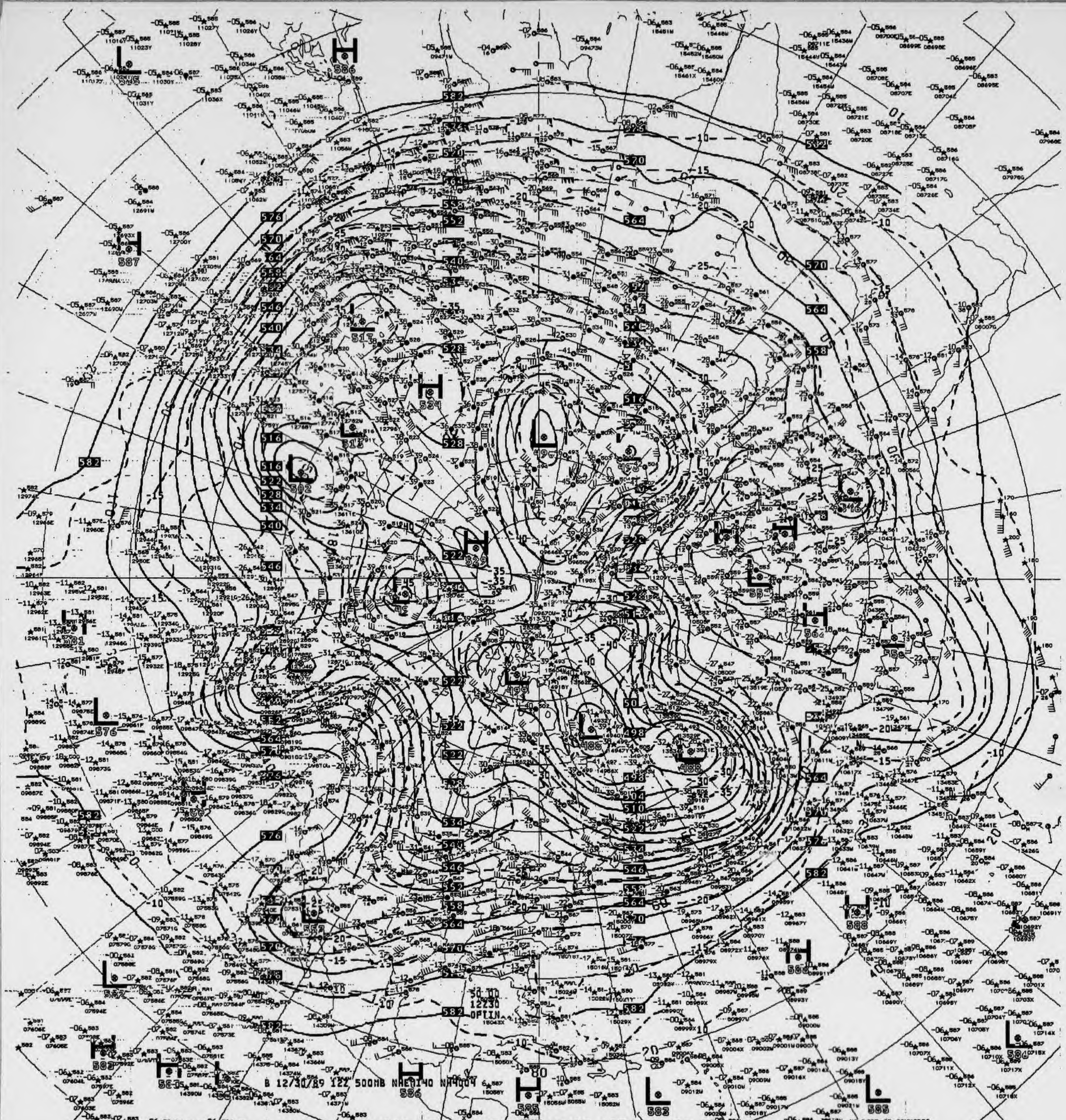
V823 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 30 DEC 89

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON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12230
OPTIN
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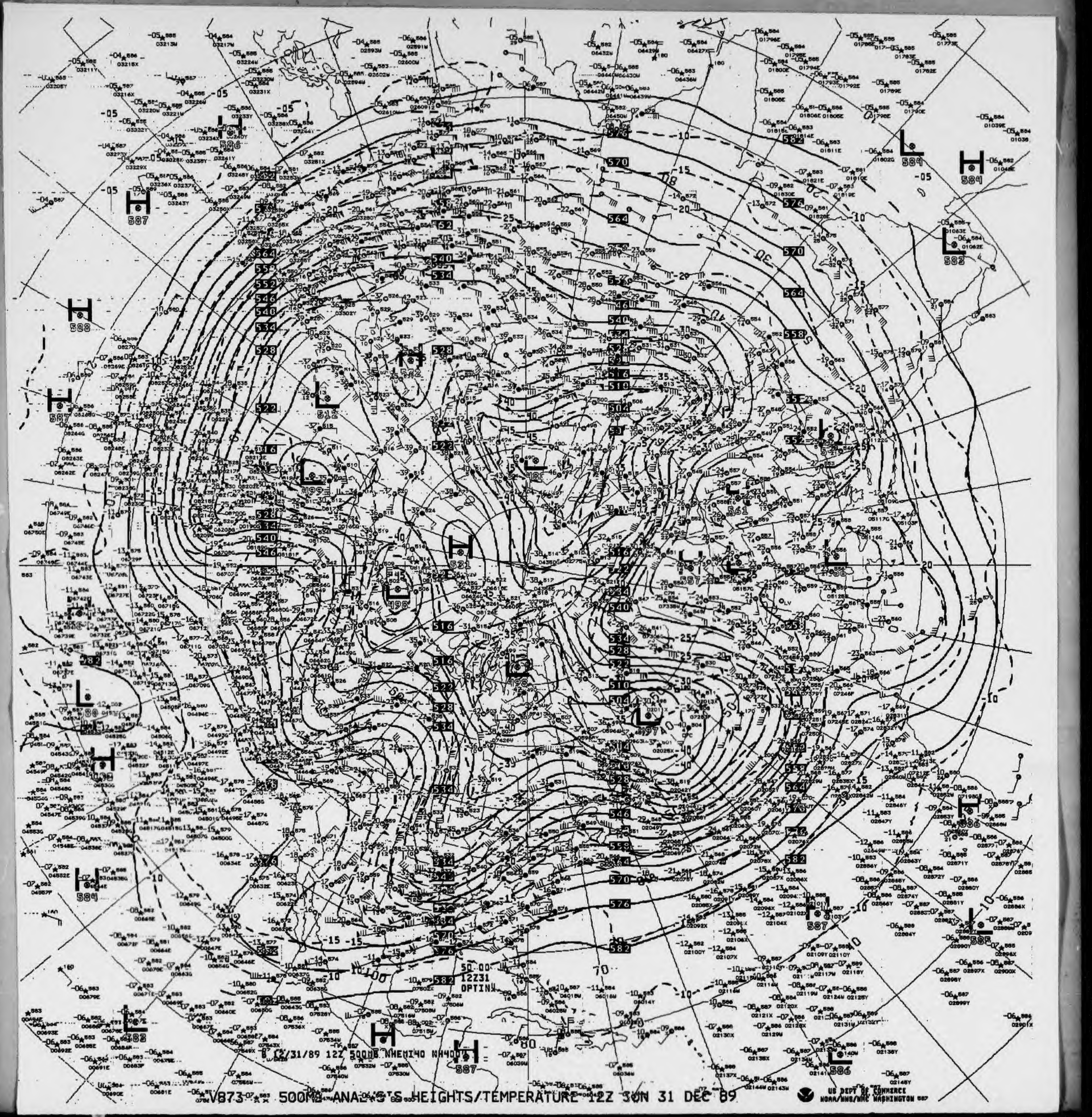
1973 ... 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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50.00
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546
540
534
528
522
516
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504
498
499
512
531
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-25
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-15
-10
-05
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON 587

V873 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 31 DEC 89

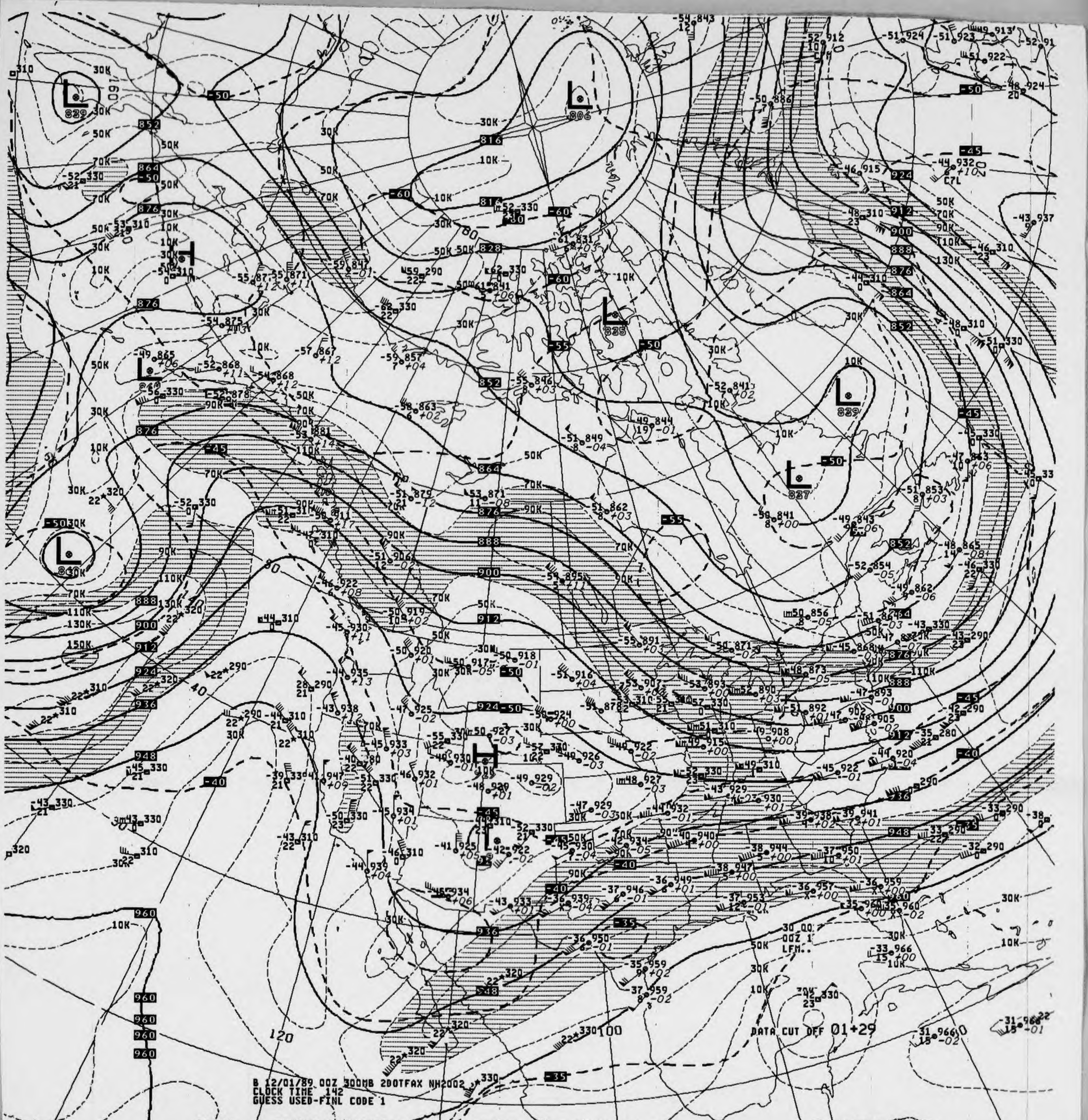
AA Form 48 - 363A
ev. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

300 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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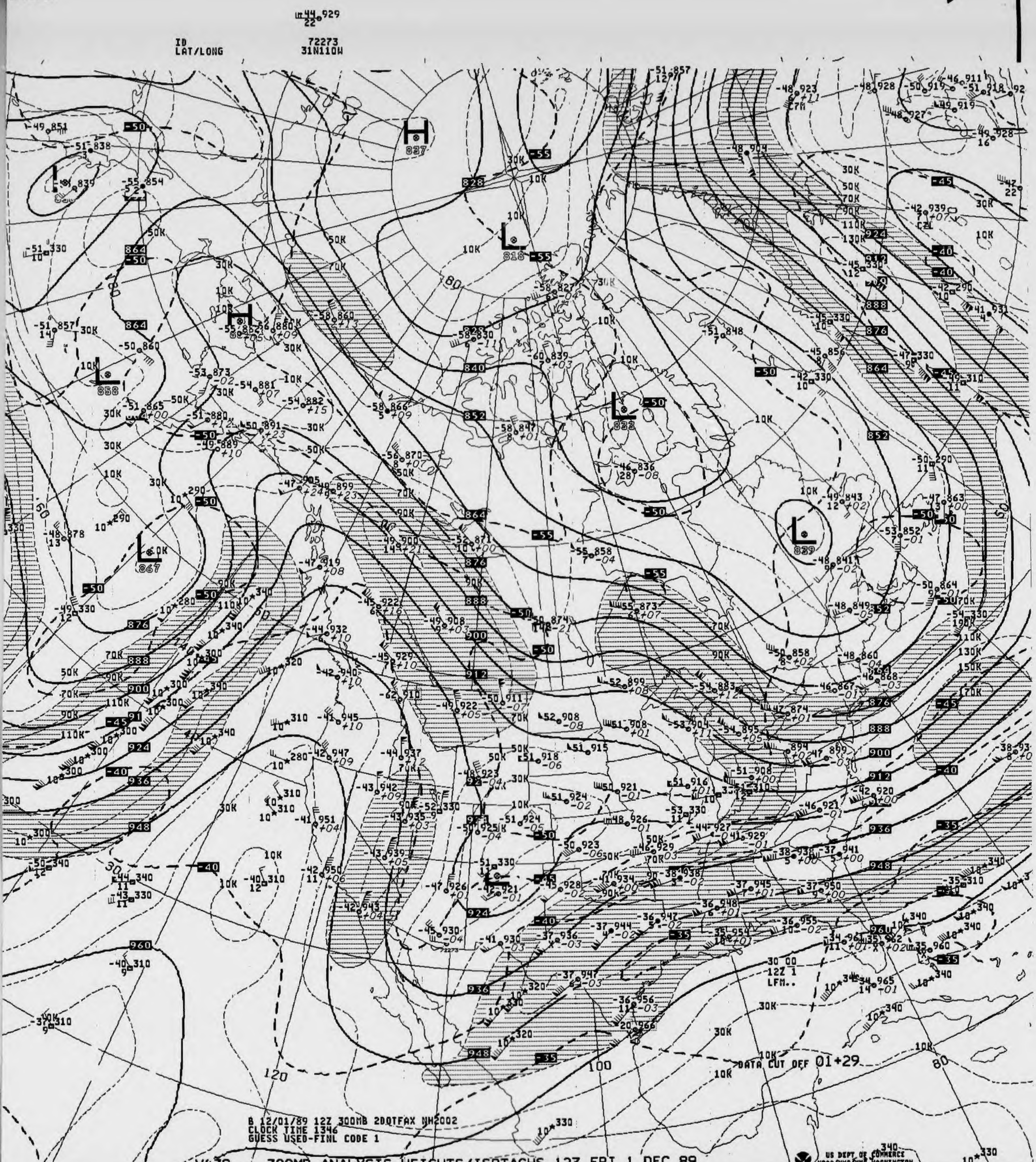
CLOCK TIME 142
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 1 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

300MB


44 929
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ID
LAT/LONG
72273
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837
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833
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829
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858
L
867
H
DATA CUT OFF 01+29
30 00
12Z 1
LFM..
120
100
80
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 12/01/89 12Z 300MB 20QTFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 1 DEC 89

300MB

-41 952

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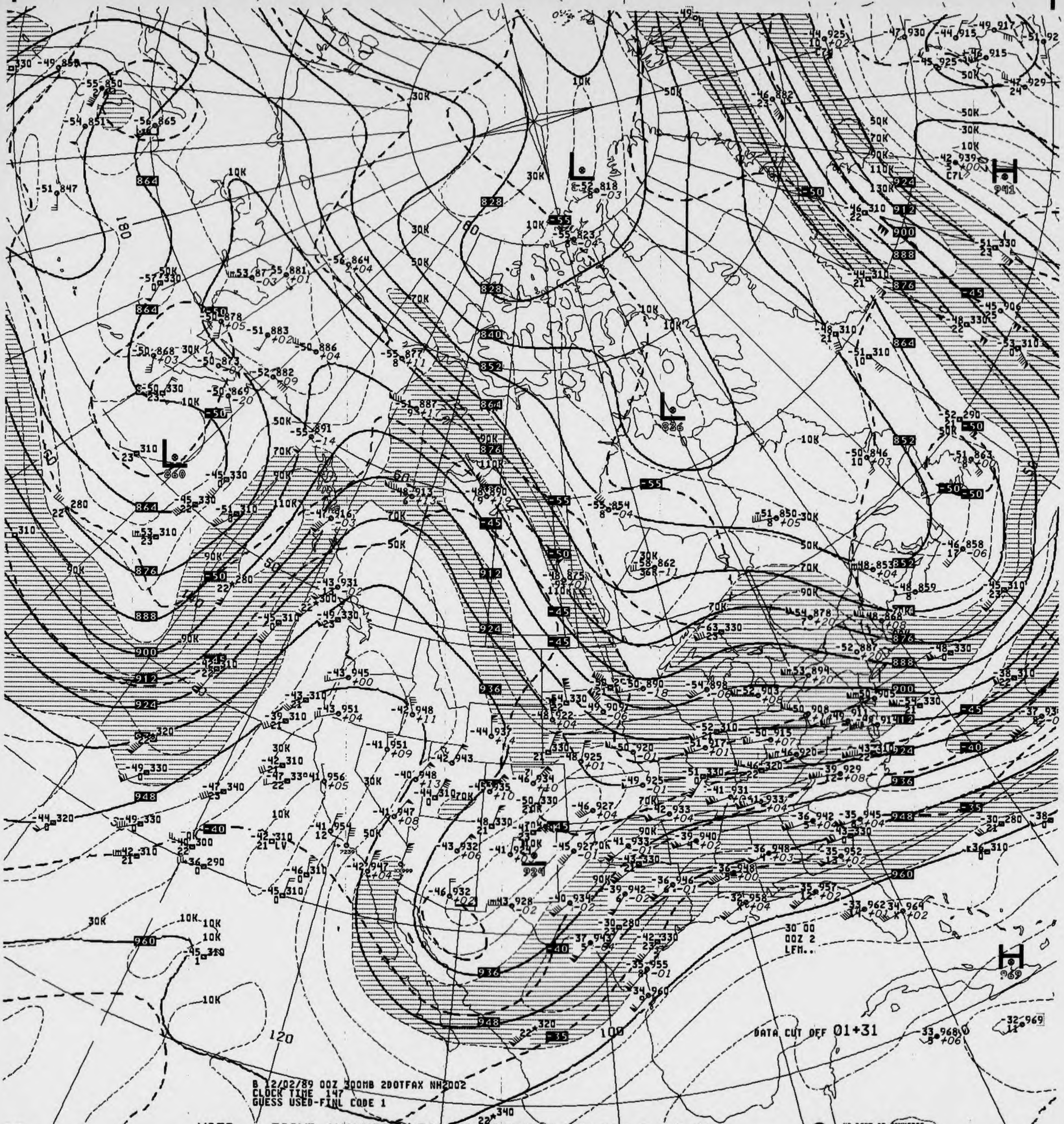
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864
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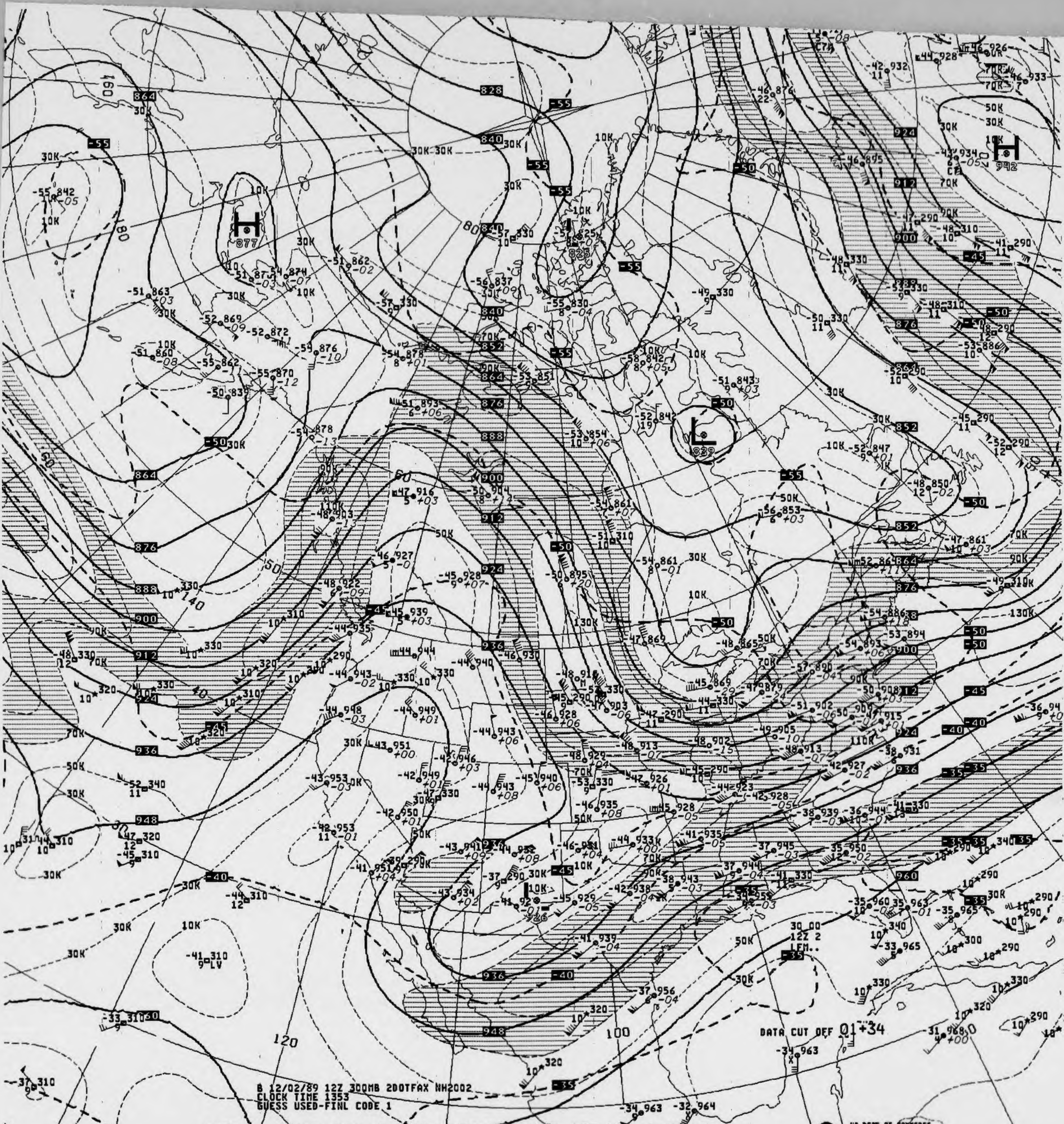
960
-55
-50
-45
-40
-35
180
160
140
120
100
80
60
DATA CUT OFF 01+31
30 00
00Z 2
LFM..

B 12/02/89 00Z 300MB 200TFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1

330

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 2 DEC 89

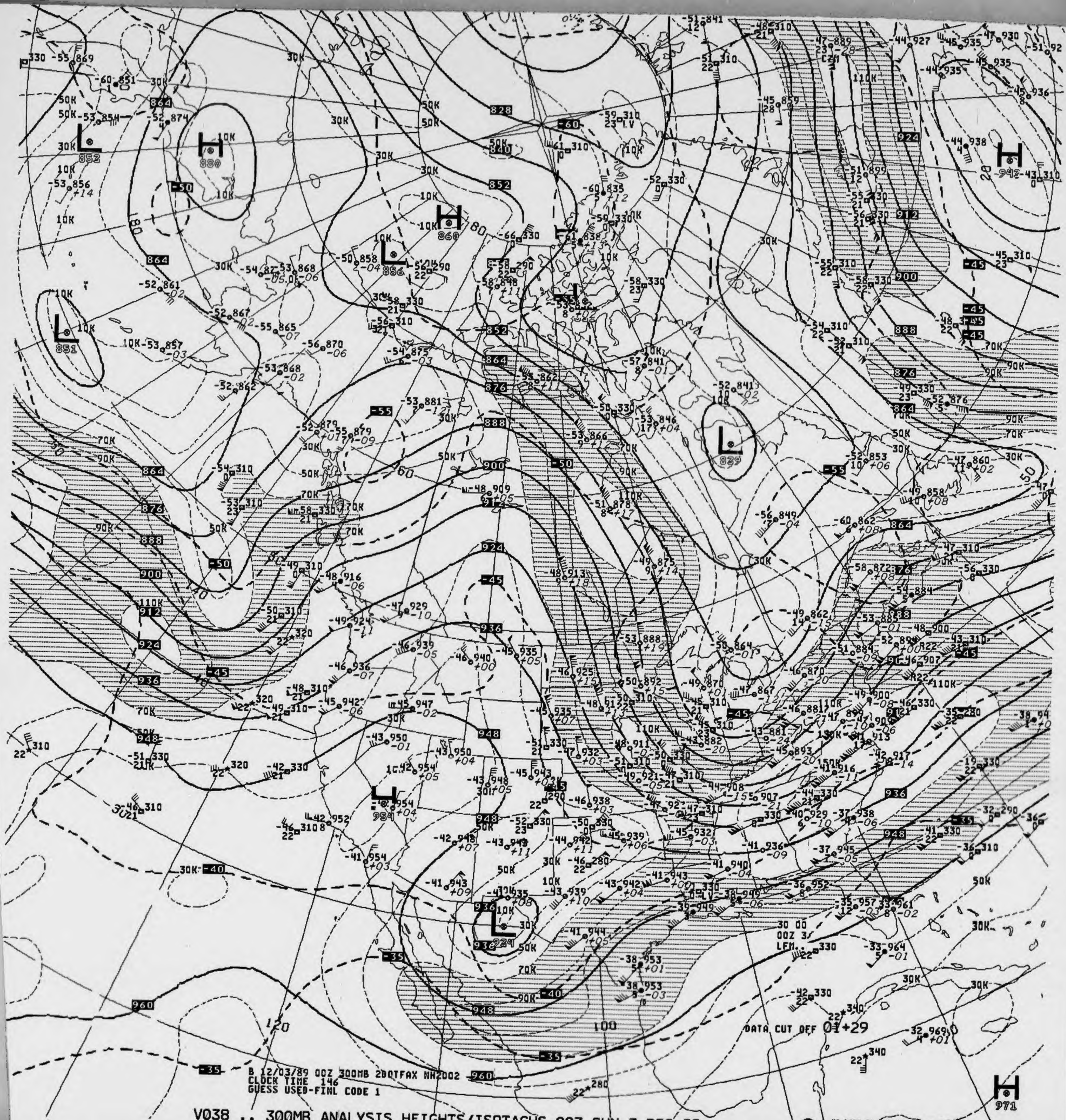
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/02/89 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1353
GUESS USED-FINL CODE 1
DATA CUT OFF 01+34
H
877
H
942
L
839
825
828
840
852
864
876
888
900
912
924
936
948
960
-55
-50
-45
-40
-35
30K
50K
70K
90K
10K
110K
130K
60
80
100
120
140
160
180
30 00
12Z 2
LFM..

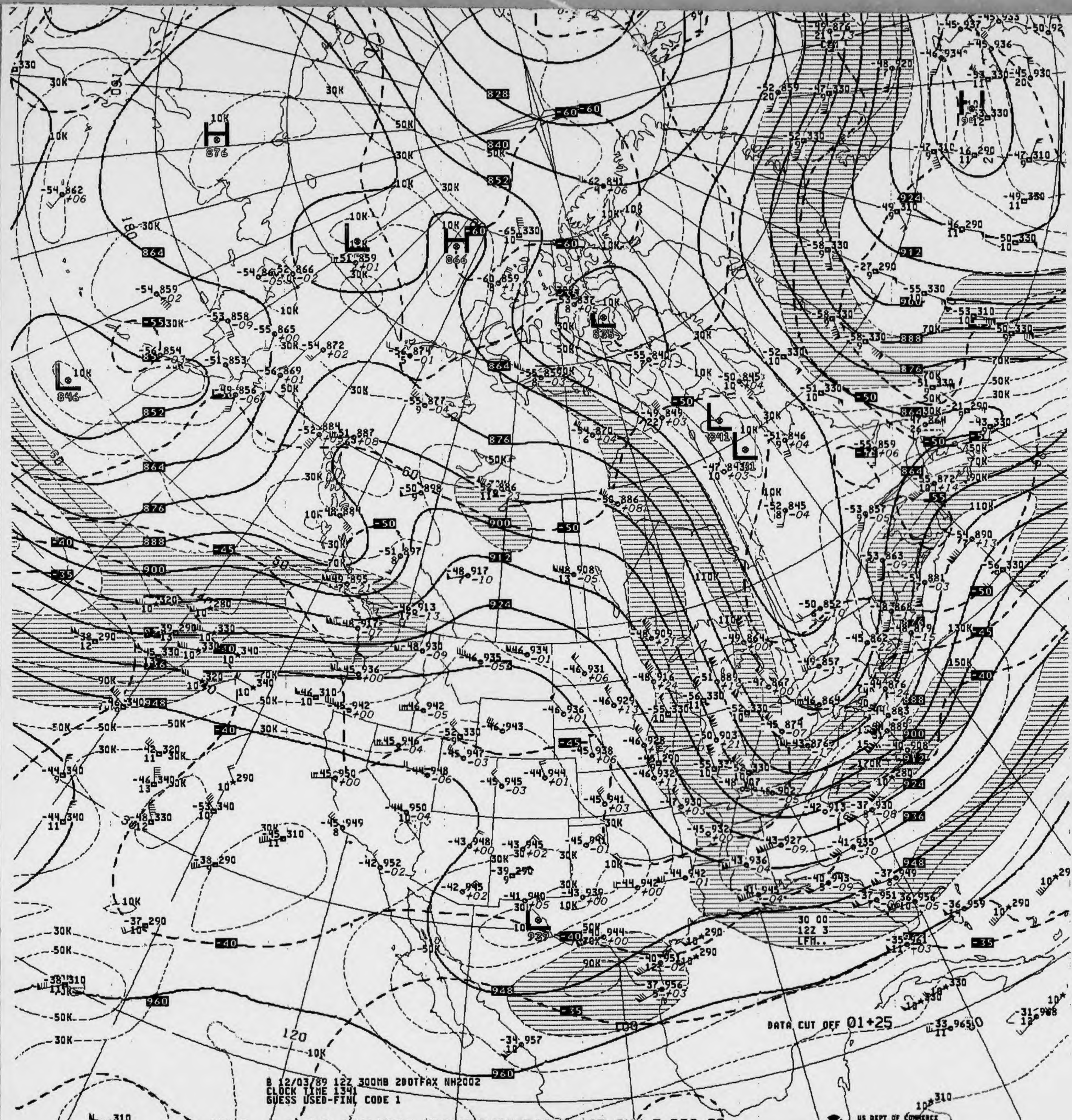
V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 2 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/03/89 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 146
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29
30 00
00Z 3
LFM..
H
971
L
934
L
839
H
860
L
856
H
880
L
853
L
851
H
954
H
942

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 3 DEC 89

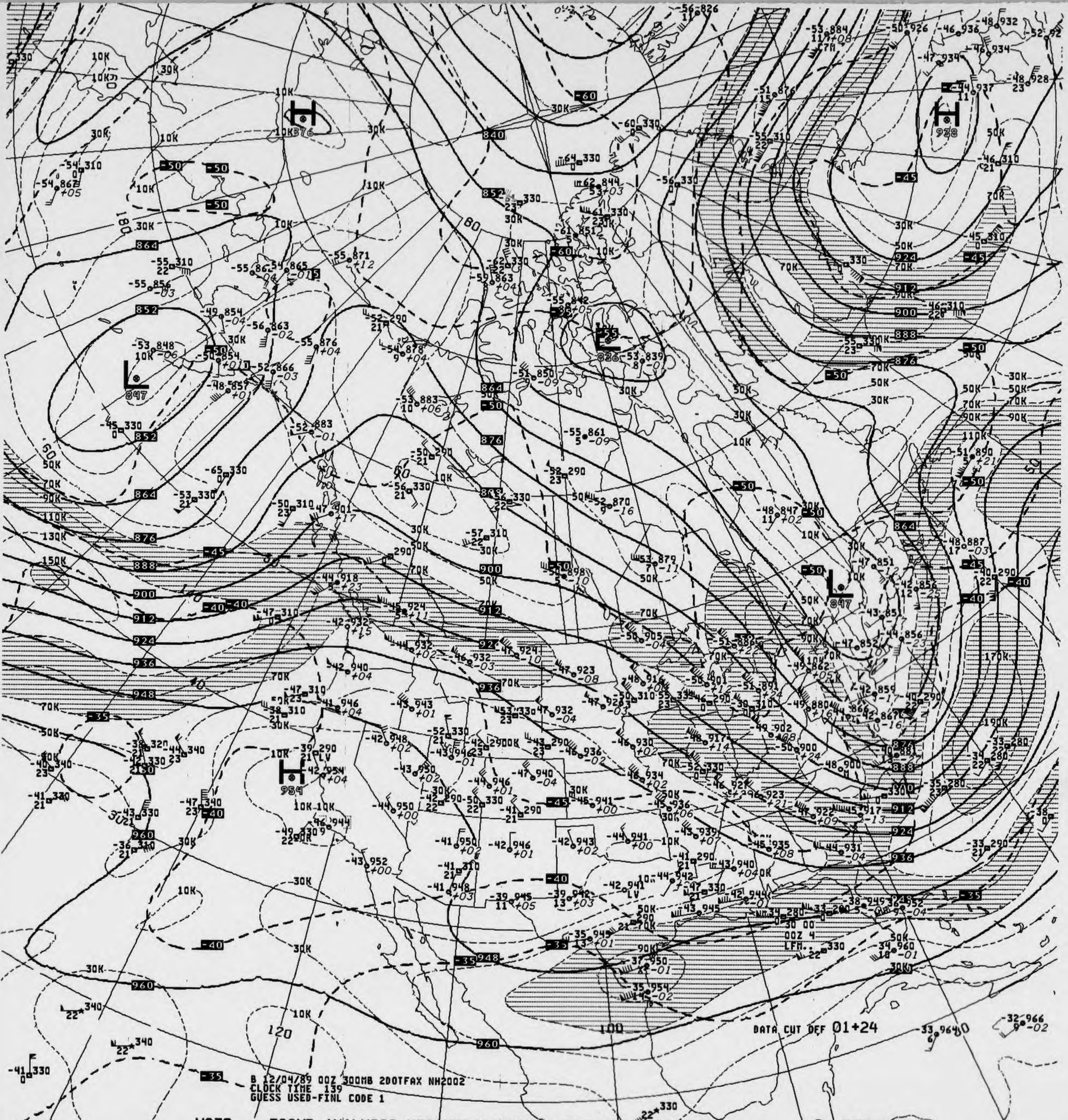
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+25
30 00
12Z 3
LFM..

B 12/03/89 12Z 300MB 200TFAX NH2002
CLOCK TIME 1341
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
376
H
928
H
954
L
847
L
836
L
847
840
852
864
876
888
900
912
924
936
948
960
-60
-50
-45
-40
-35
10K
30K
50K
70K
90K
110K
130K
150K
170K
190K
80
100
120
140
160
180

DATA CUT OFF 01+24

B 12/04/89 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1

30 00
00Z 4
LFM.. 330

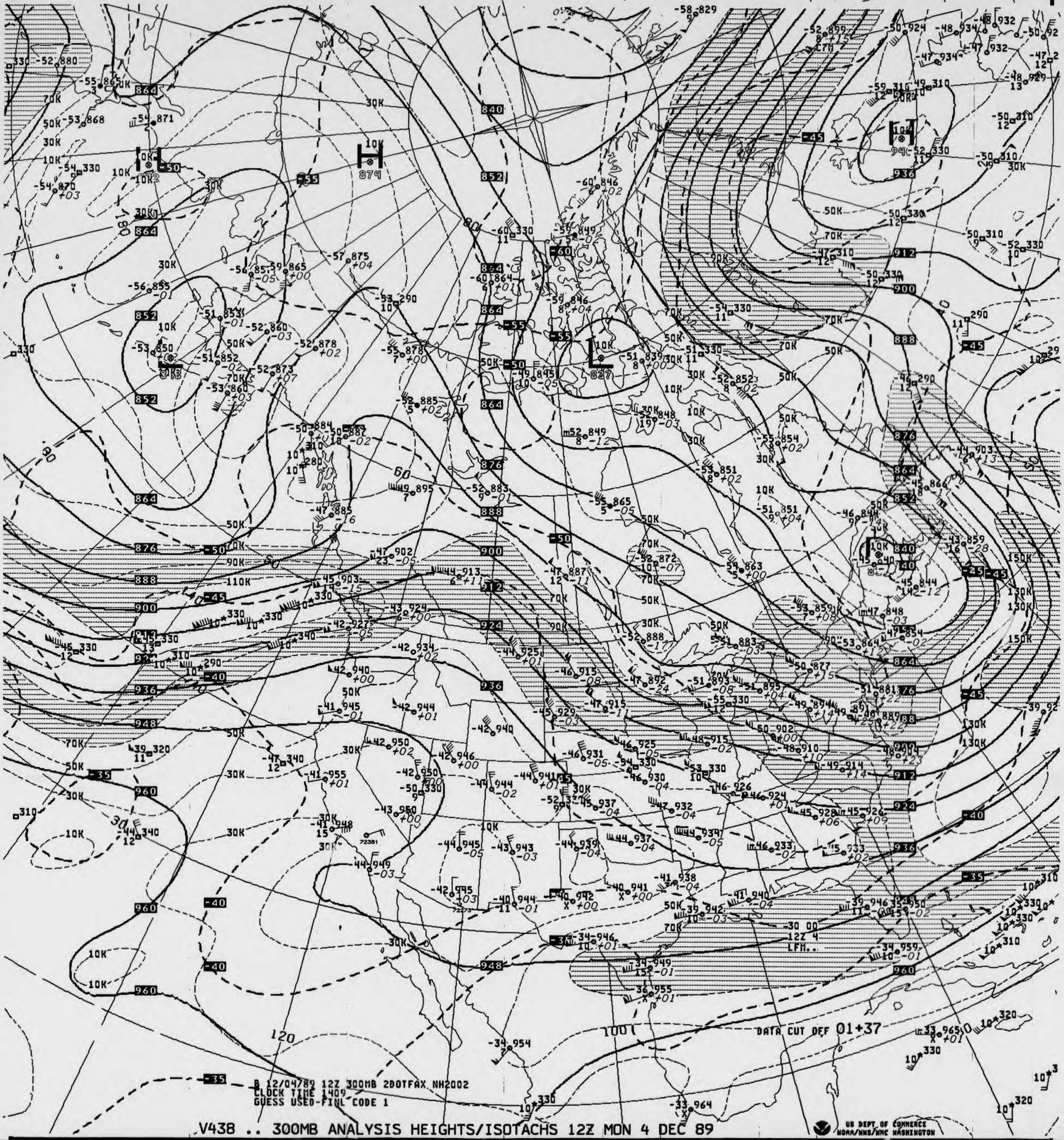
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

300MB

-41 944 -43 951
22

ID 72273 72381
LAT/LONG 31N110W 34N116W


B 12/04789 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1409
GUESS USED-FINAL CODE 1
DATA CUT OFF 01+37

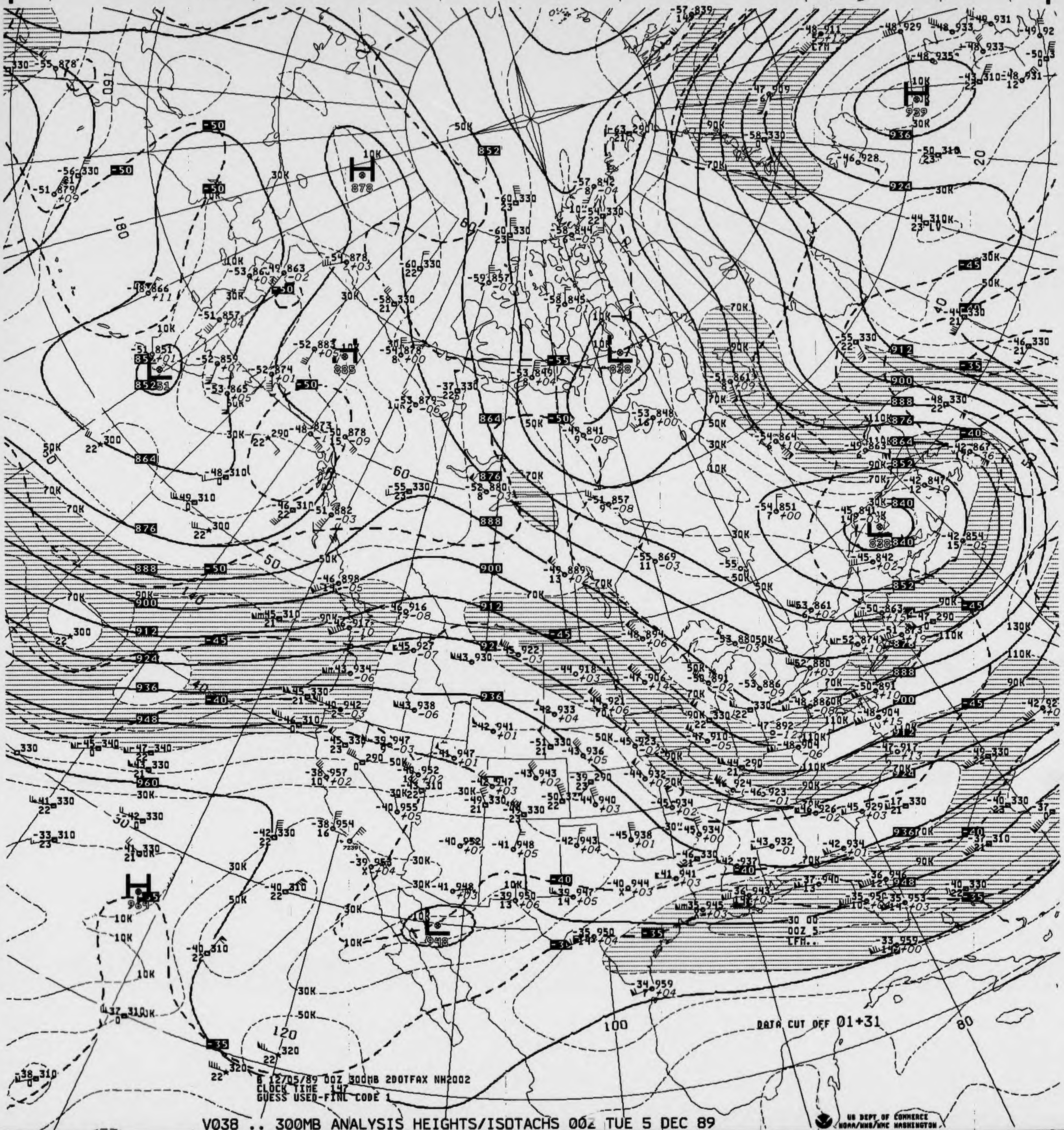
V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

300MB

-39 954
X

ID 72391
LAT/LONG 34N119W


DATA CUT OFF 01+31
B 12/05/89 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1
30 00
00Z 5
LFM..
100
80
120
140
160
180
20
40
60

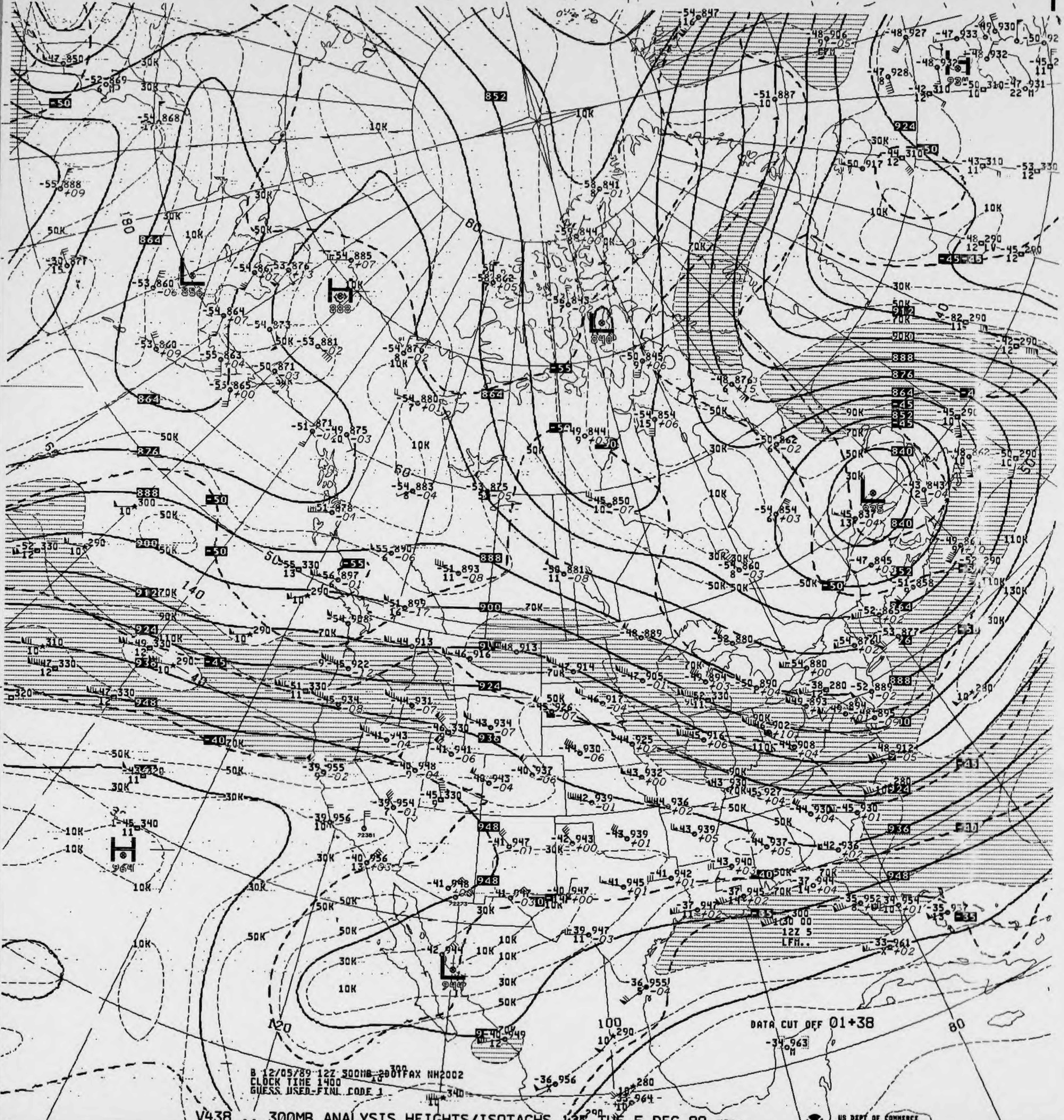
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

300MB

-41 948 -39 952
27 13

ID 72273 72381
LAT/LONG... 31N110W 34N116W



852
864
876
888
900
912
924
936
948
H
L
10K
30K
50K
70K
90K
110K
130K
-50
-55
-45
-40
-35

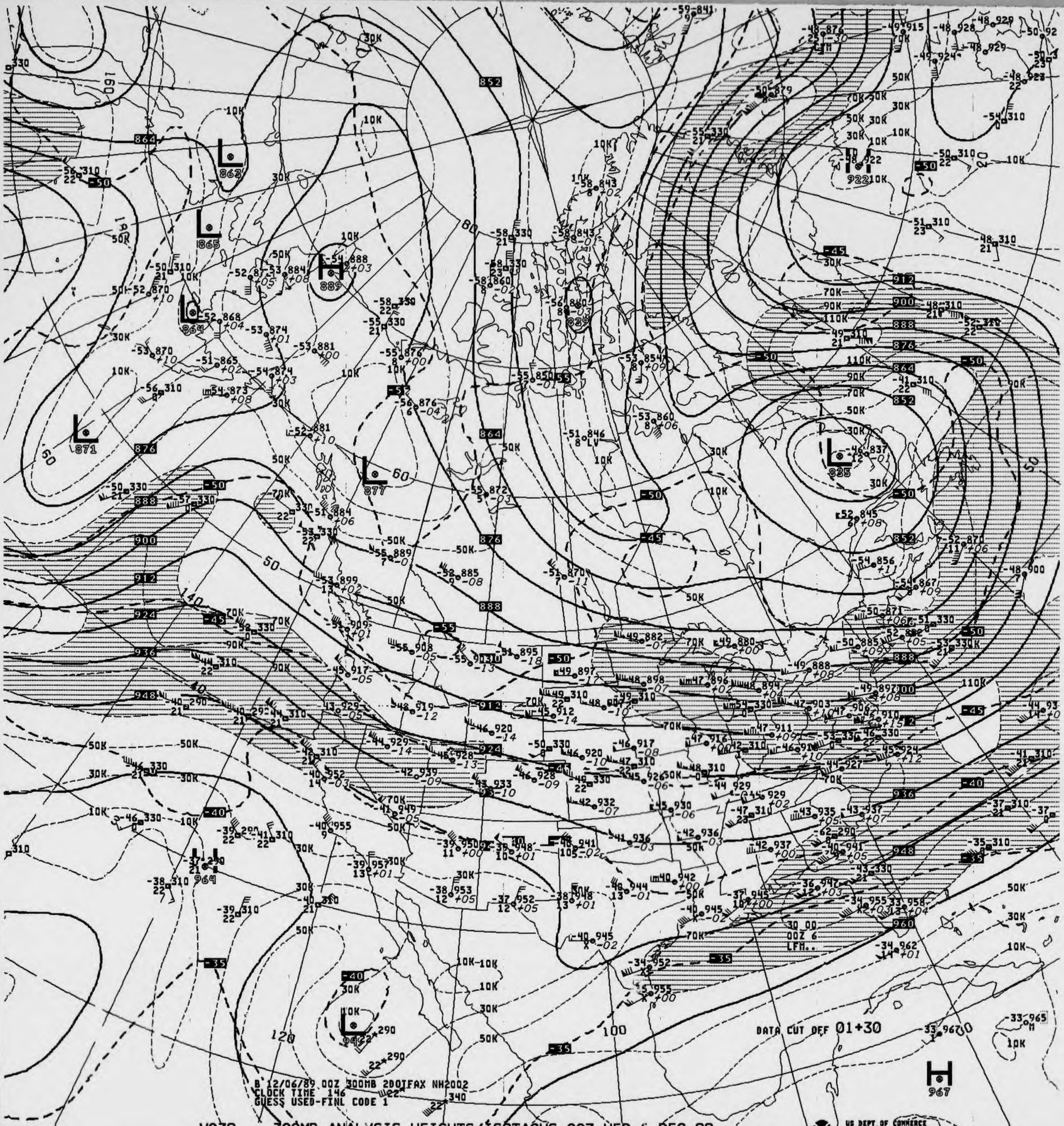
DATA CUT OFF 01+38

12Z 5
LFM..

B 12/05/89 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1400
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/06/89 00Z 300MB 2D0TFAX NH2002
CLOCK TIME 146
GUESS USED-FINL CODE 1

DATA CUT OFF 01+30

30 00
00Z 6
LFM..

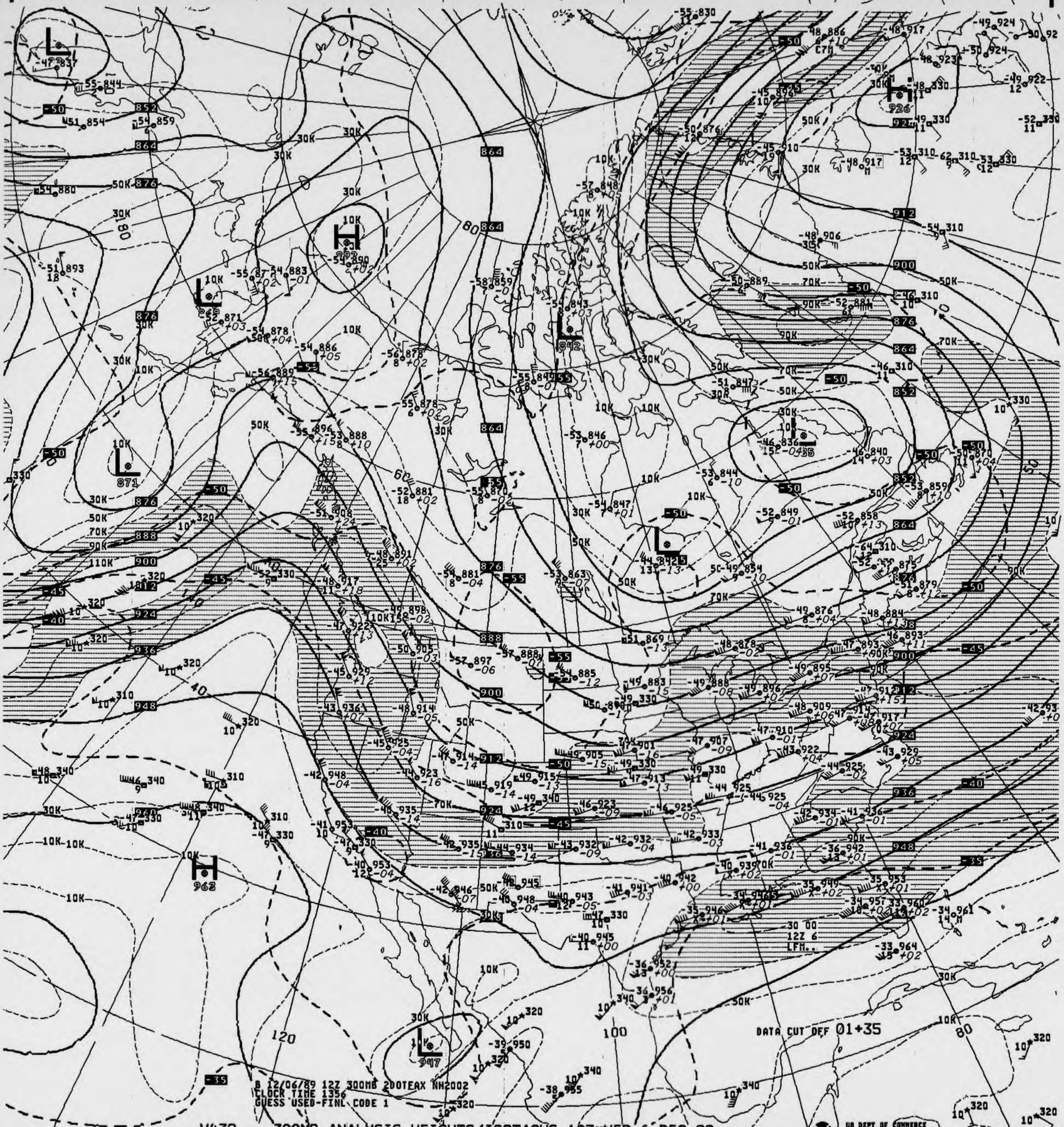
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 6 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

300MB

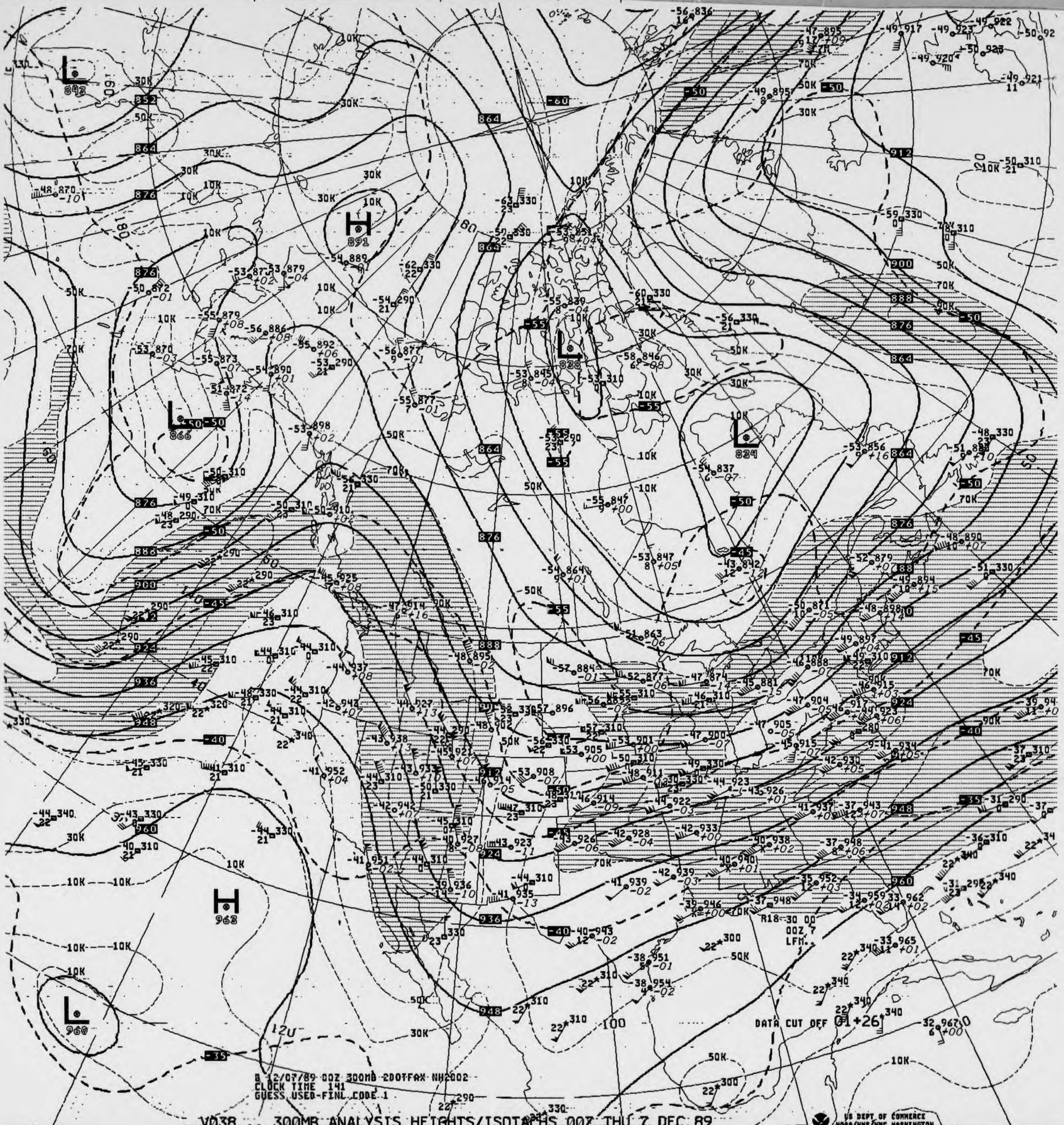
-40 948
19

ID 72273
LAT/LONG 31N110W


B 12/06/89 12Z 300MB 2DOTEAX NH2002
CLOCK TIME 1356
GUESS USED-FINL CODE 1
DATA CUT OFF 01+35
30 00
12Z 6
LFM..
H
L
864
876
888
900
912
924
936
948
-50
-45
-40
-35
30K
50K
70K
90K
110K
10K
40
60
80
100
120

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 6 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


8 12/07/89 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 141
GUESS USED-FINL CODE 1
DATA CUT OFF 01+26
R18 30 00
00Z 7
LFM
H
891
962
L
893
866
838
834
960

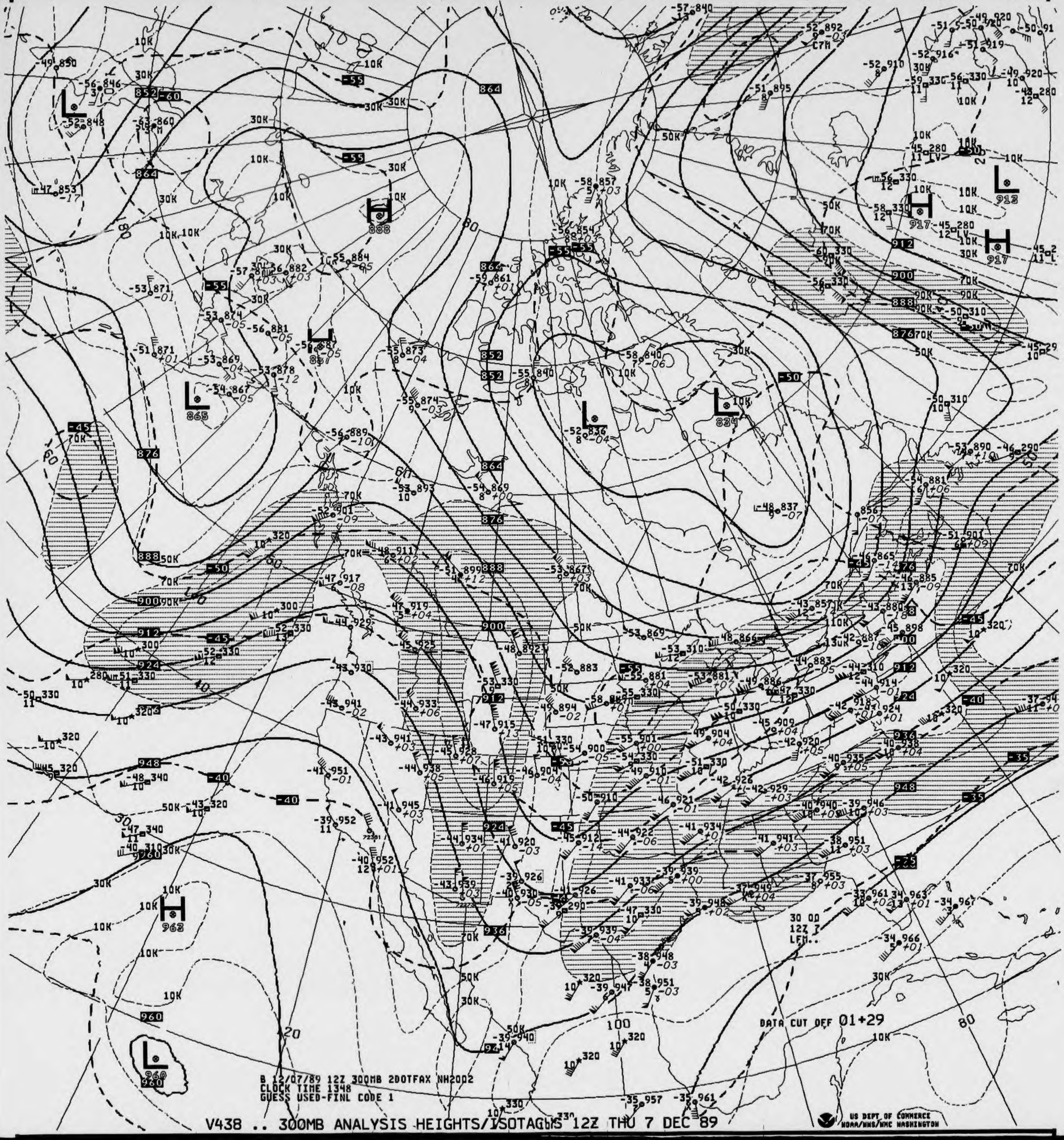
V038 ... 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 7 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

300MB

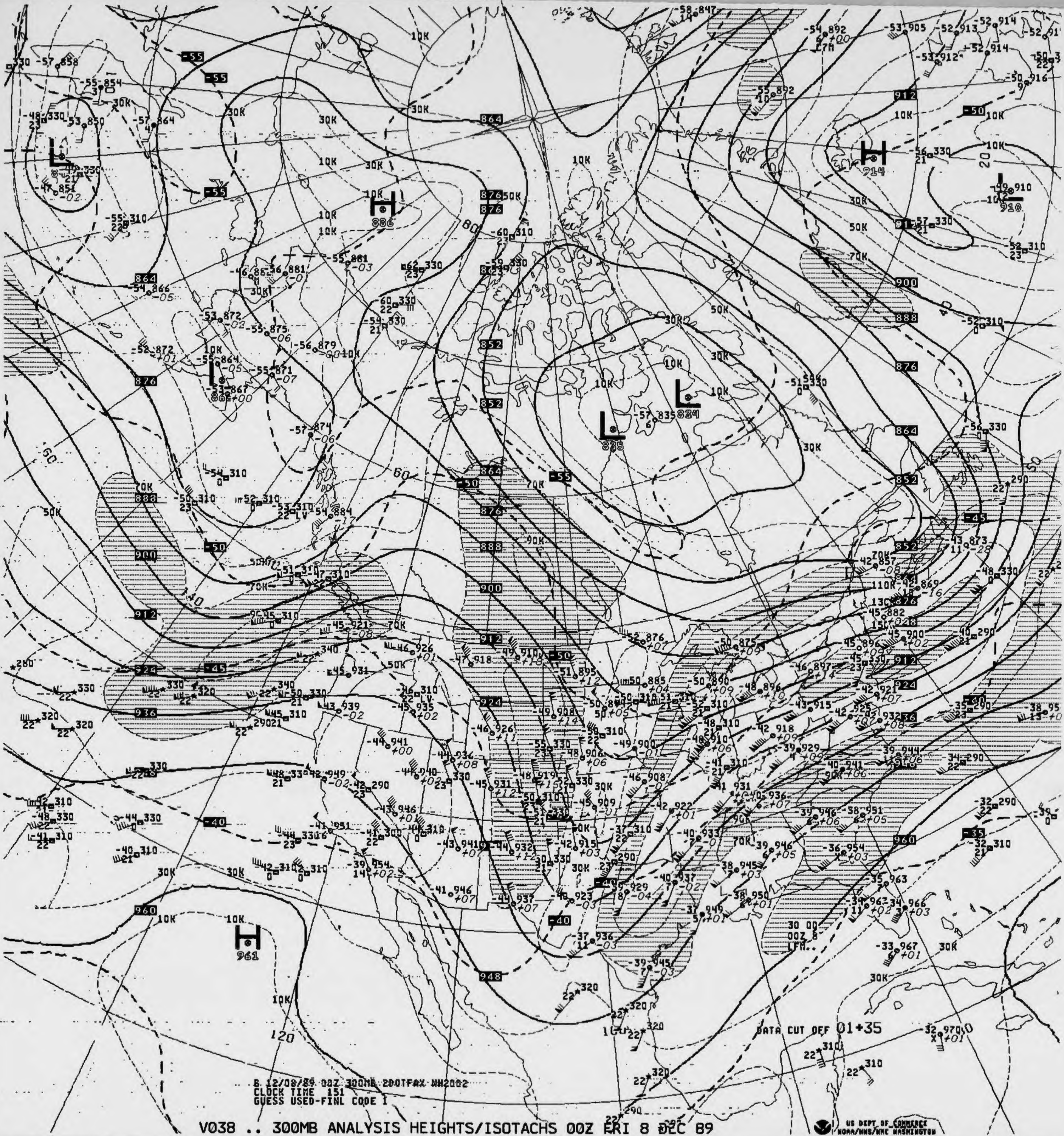
-43 939 -40 951
21 7

ID 72273 72381
LAT/LONG 31N110W 34N116W



B 12/07/89 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1348
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29
30 00
12Z 7
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 7 DEC 89


H
886
H
914
H
961
L
835
L
834
L
910
864
876
852
888
900
912
924
936
948
960
-55
-50
-45
-40
-35
10K
30K
50K
70K
90K
110K
130K
60
40
20
120
140
DATA CUT OFF 01+35
30 00
00Z 8
LFM..

8 12/08/89 00Z 300MB 200TFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE I

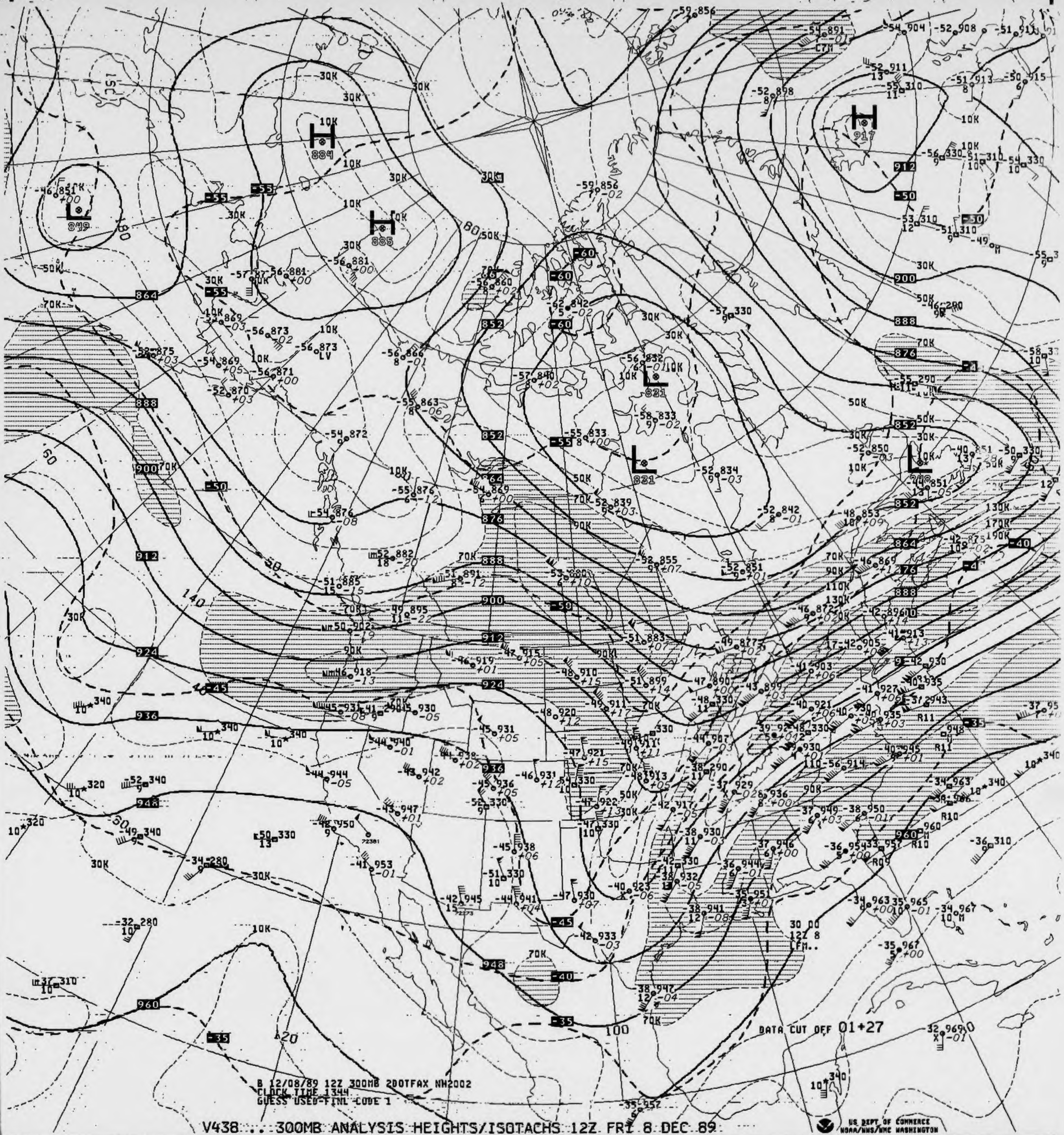
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

300MB

-41 951

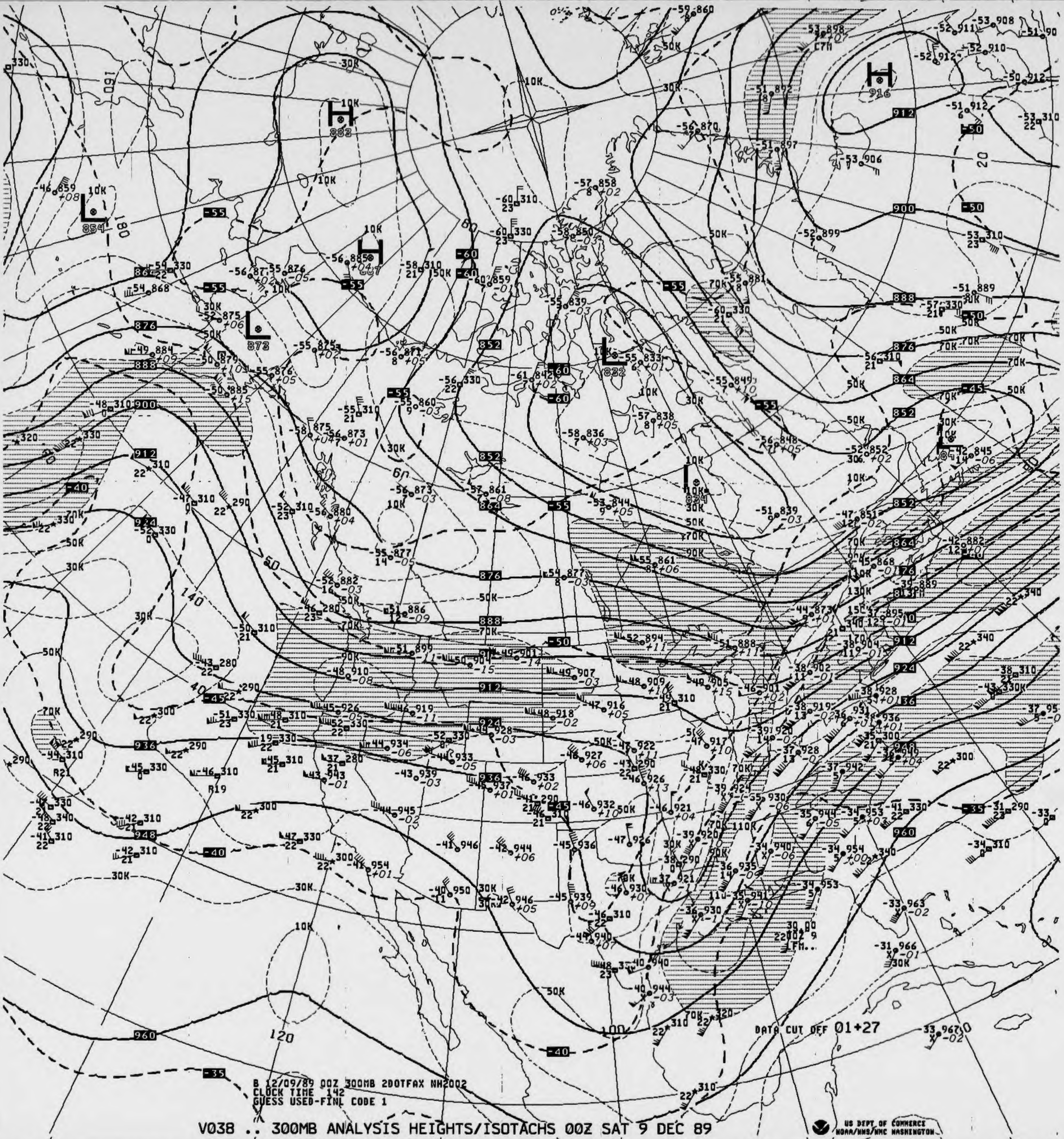
ID. 72381
LAT/LONG 34N116W



H 884
H 885
H 917
L 849
L 831
L 821
DATA CUT OFF 01+27
30 00 12Z 8 LFM..
B 12/08/89 12Z 300MB 200TFAX NH2002
CLOCK TIME 1344
GUESS USED-FINL CODE 1

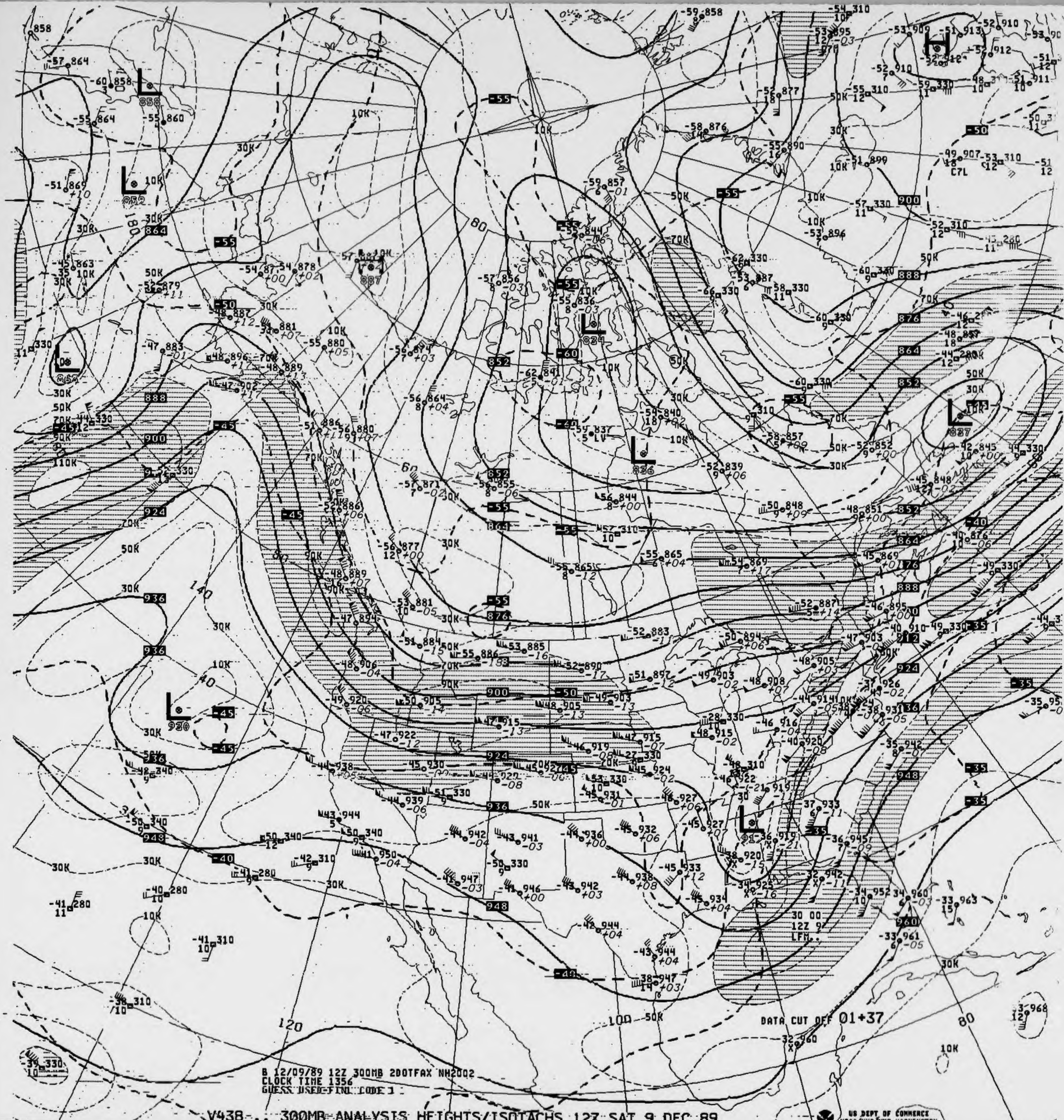
V438 ... 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+27
B 12/09/89 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

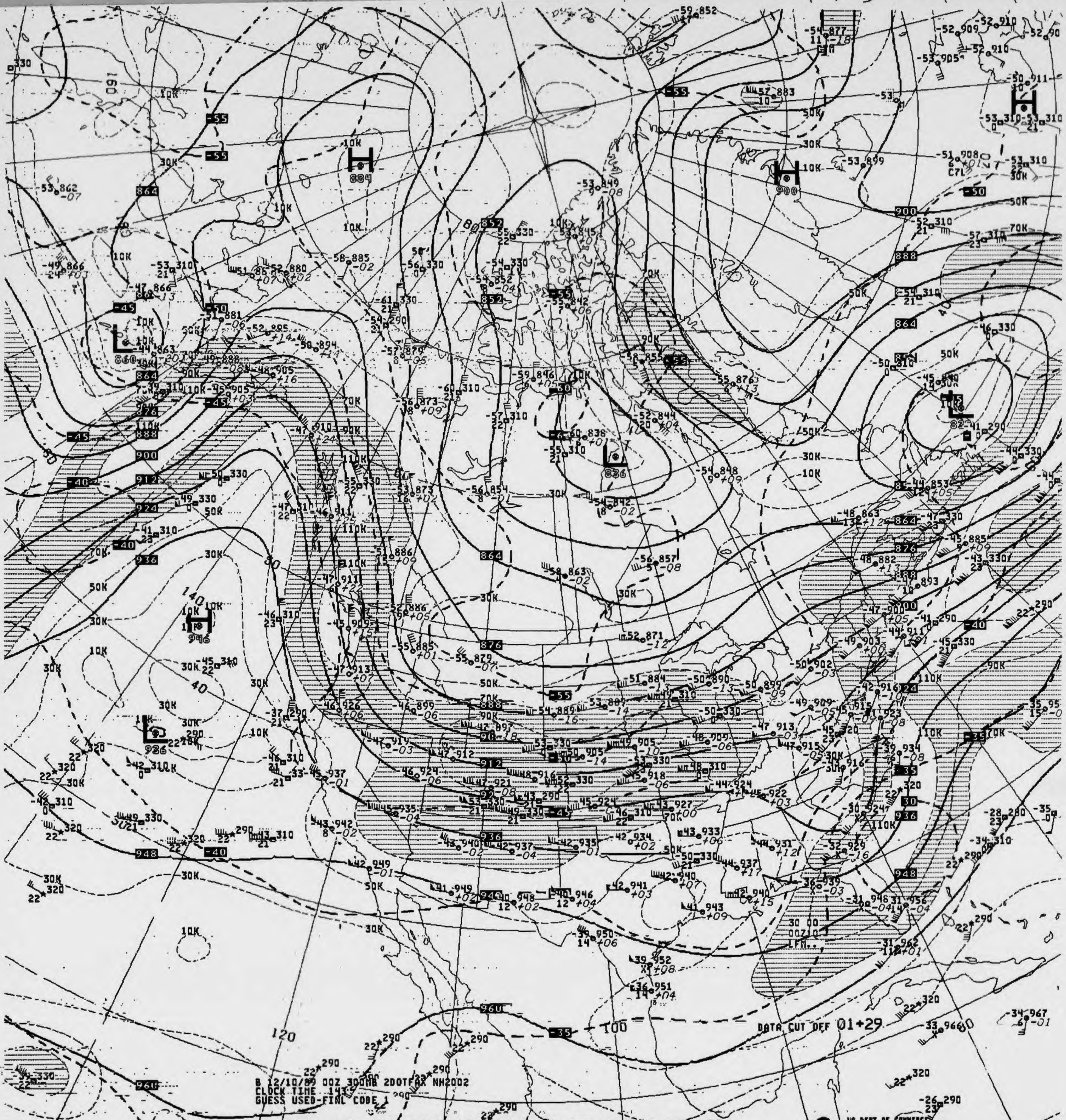
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 9 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+37
B 12/09/89 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1356
GUESS USED-FINL CODE 1

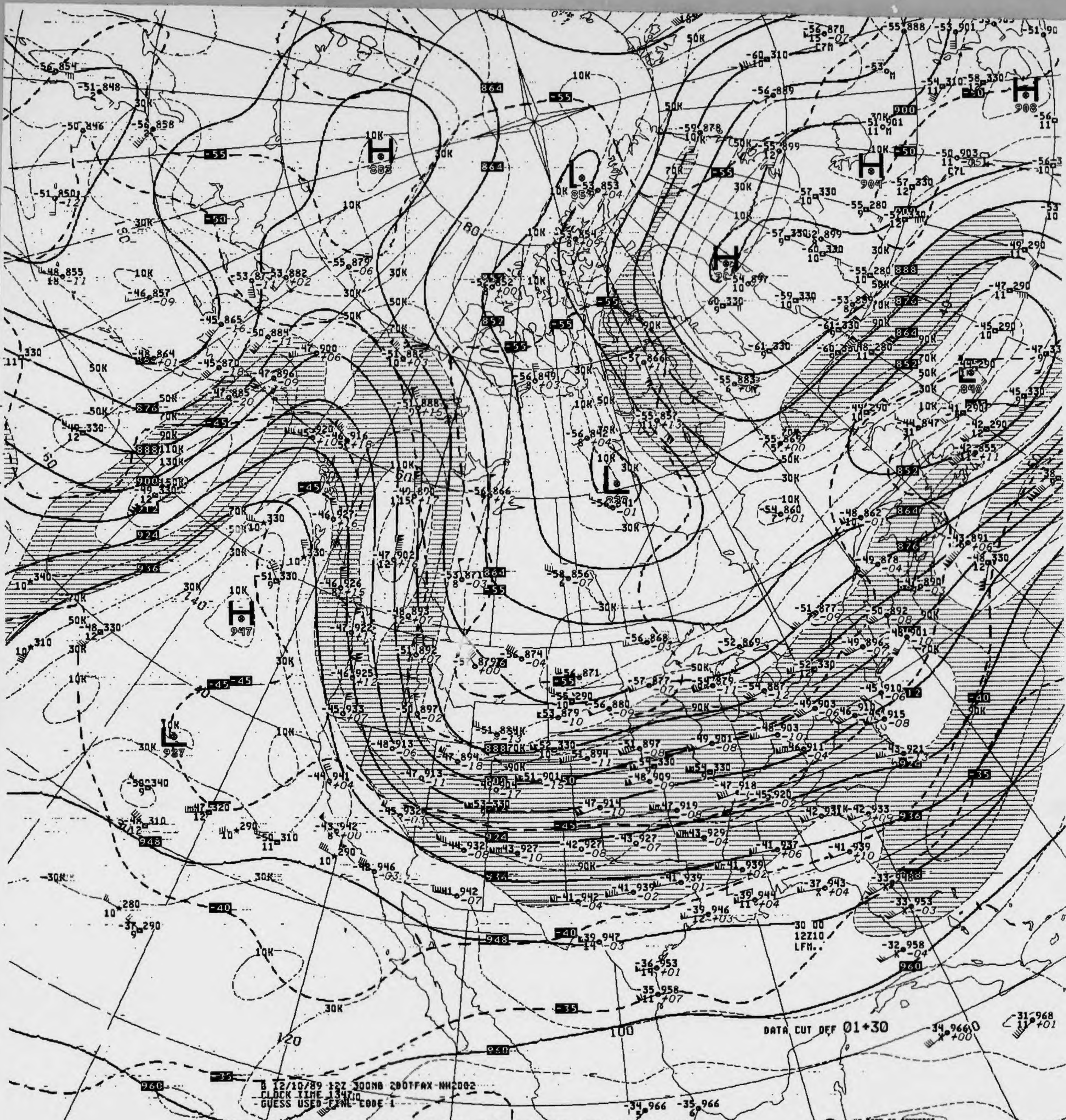
V438-.. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 9 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

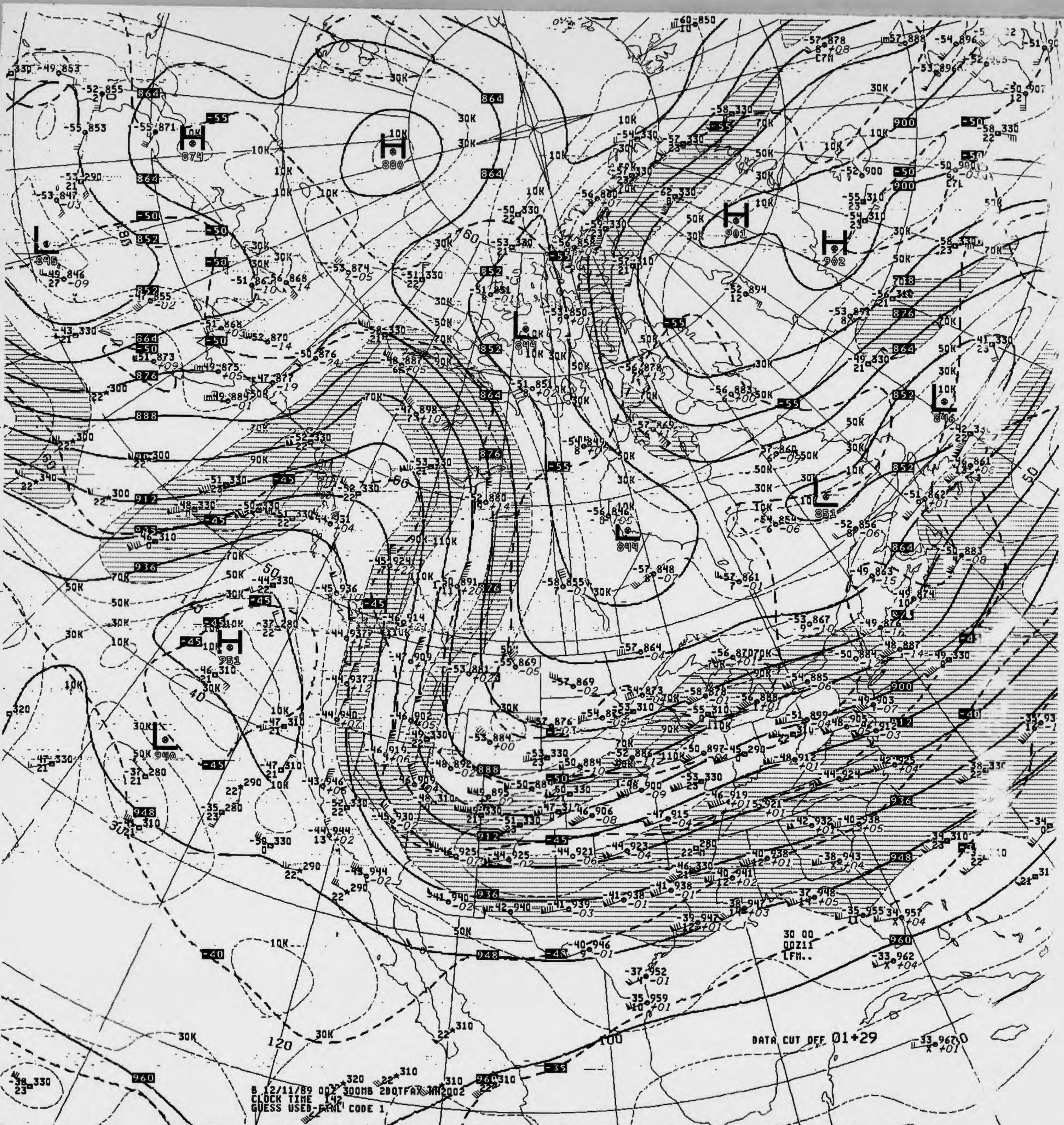

B 12/10/89 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 1437
GUESS USED-FINAL CODE 1
DATA CUT OFF 01+29
30 00
00Z10
LFM..

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 10 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/10/89 12Z 300MB 2BOTFAX-NH2002
CLOCK TIME 1347
GUESS USED-FINAL CODE 1
DATA CUT OFF 01+30
30 00
12Z10
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 10 DEC 89


B 12/11/89 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29
30 00
00Z11
LFM..

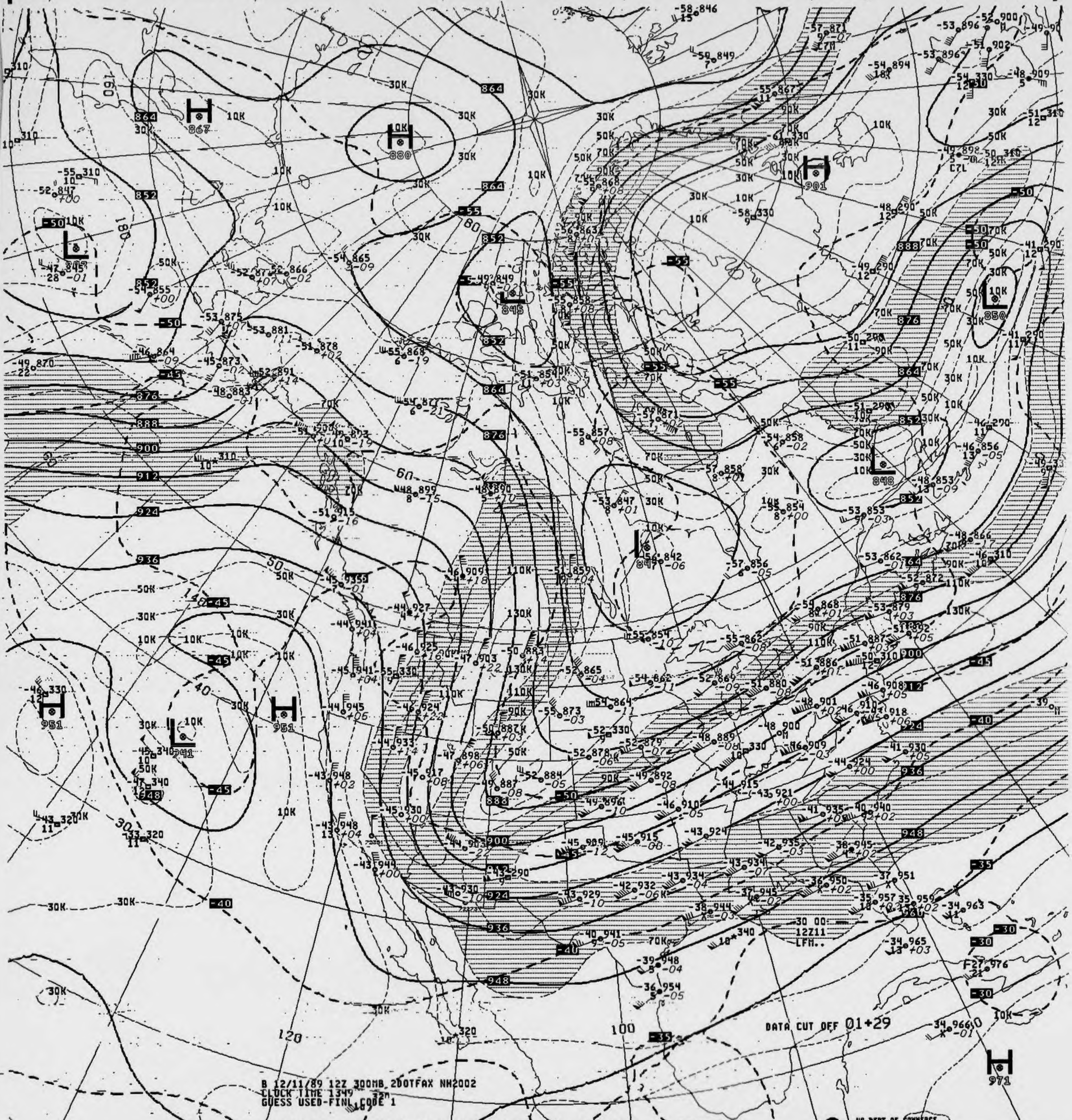
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

300MB

44 931 -43 944
23

ID 72273 72381
LAT/LONG 31N110W 34N116W

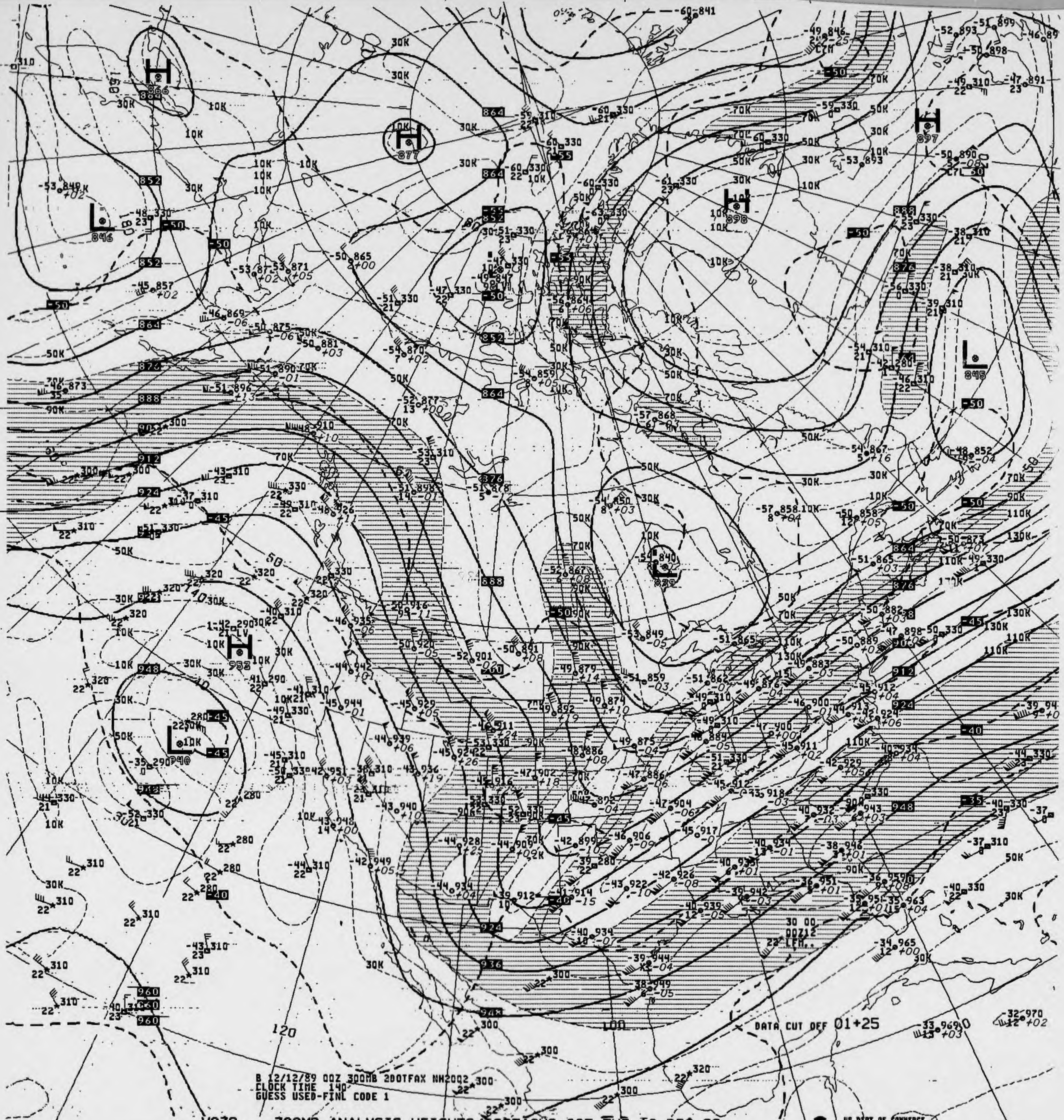


H
867
H
880
H
901
L
845
L
850
L
848
L
847
H
951
L
941
H
951
H
971
864
852
876
888
900
912
924
936
948
-55
-50
-45
-40
-35
-30
10K
30K
50K
70K
90K
110K
130K
DATA CUT OFF 01+29
-30 00
12Z11
LFM..
100
120

B 12/11/89 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1349
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/12/89 00Z 300MB 200TFAX NH2002
CLOCK TIME 140
GUESS USED-FINL CODE 1

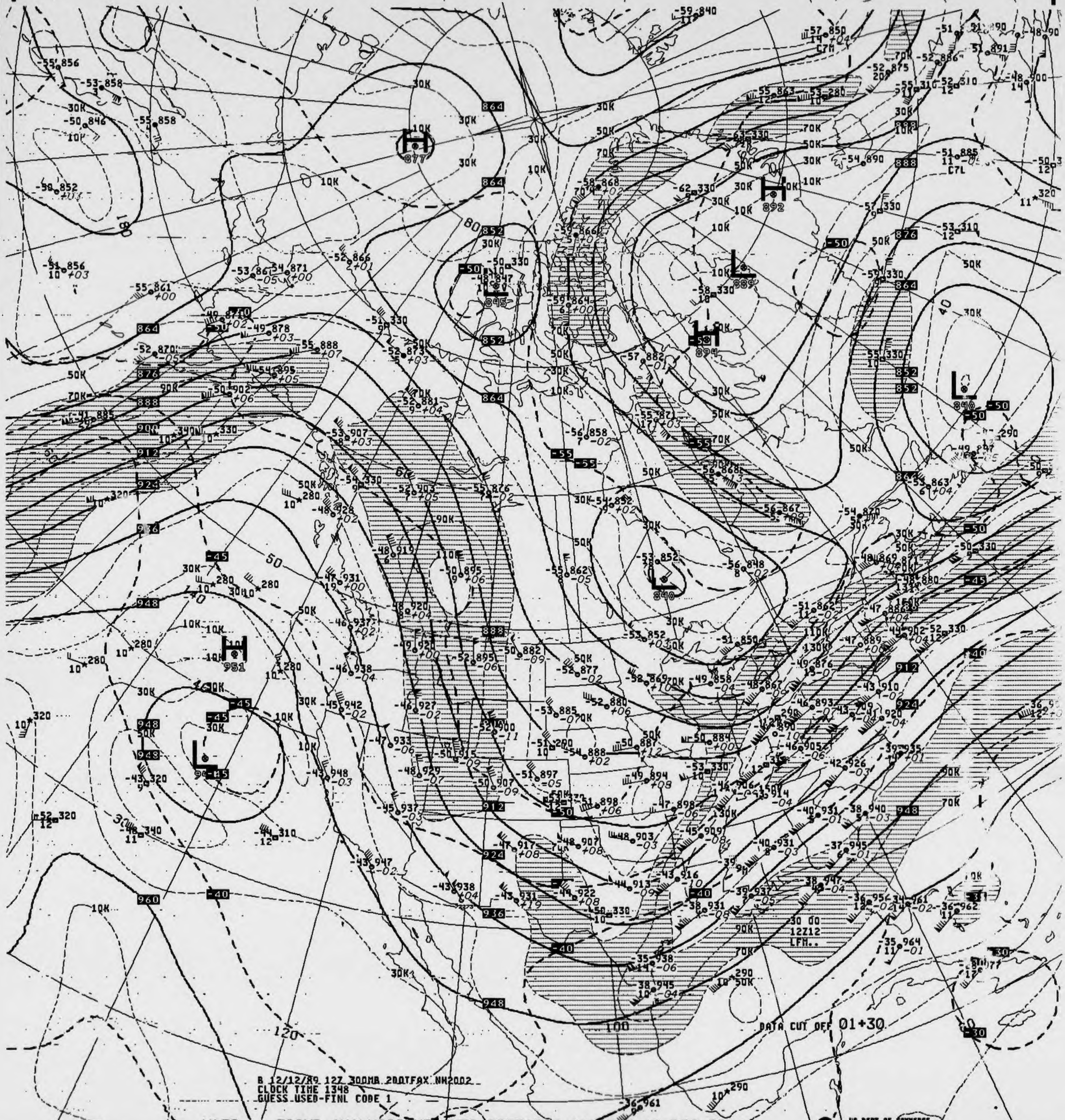
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 12 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

300MB

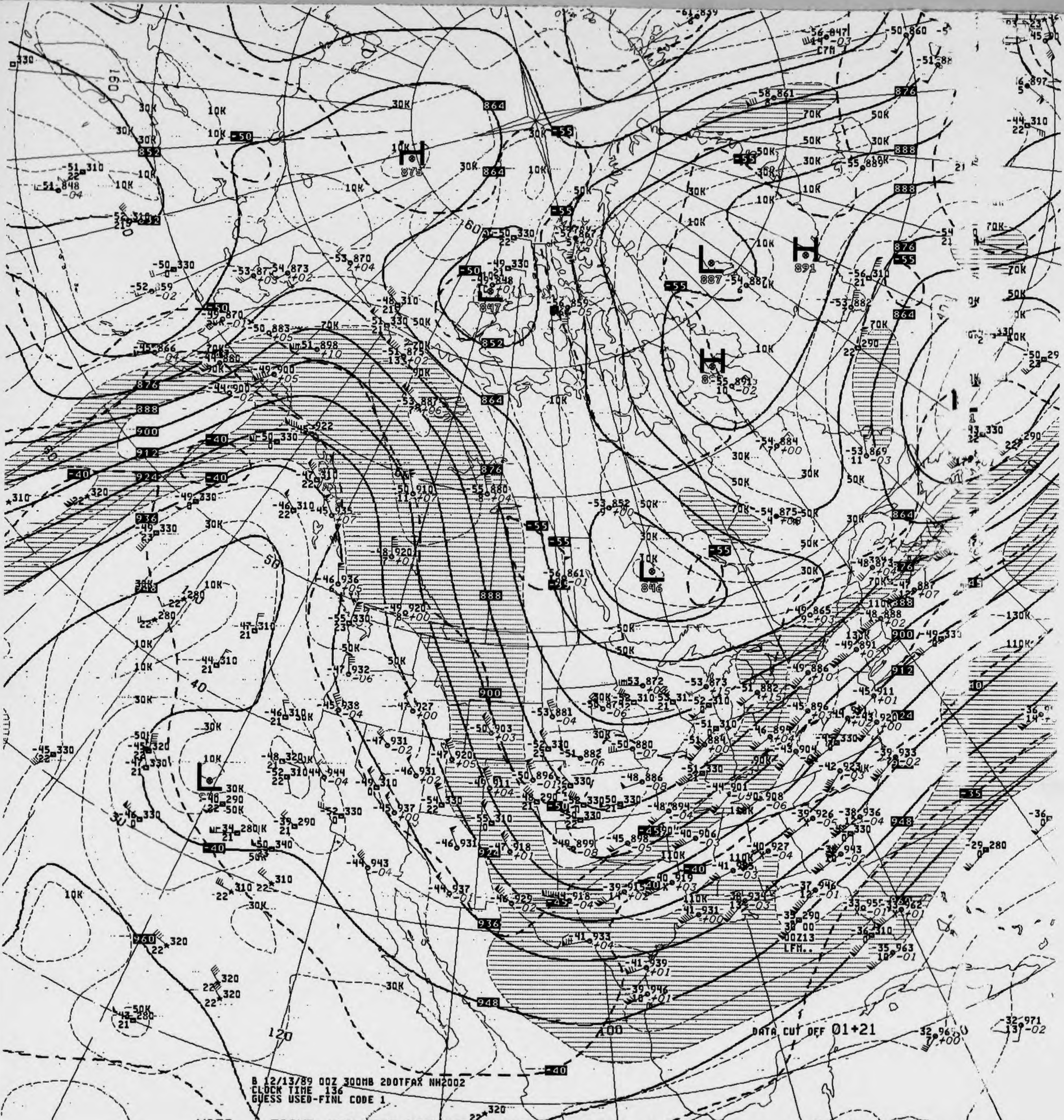
-43 937
19

ID 72273
LAT/LONG 31N110W


B 12/12/89 12Z 300MB 200TFAX NH2002
CLOCK TIME 1348
GUESS USED-FINL CODE 1
DATA CUT OFF 01+30
30 00
12Z12
LFM..
H
877
H
892
H
951
L
845
L
889
L
840
L
840
30K
50K
70K
90K
110K
130K
10K
864
852
876
888
900
912
924
936
948
960
-50
-55
-45
-40
-30
100
120
80
60
50
40

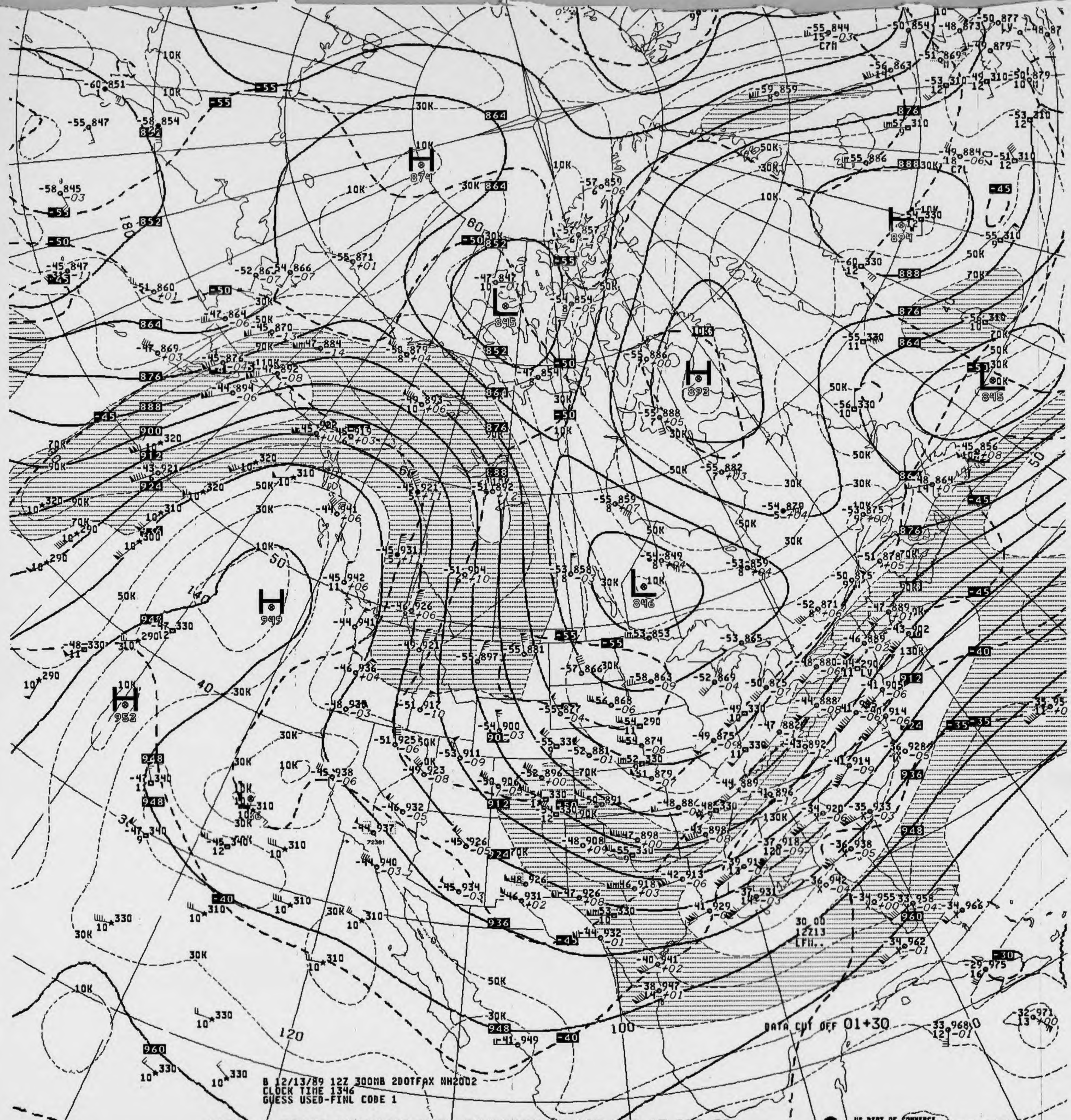
V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 12 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/13/89 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 136
GUESS USED-FINL CODE 1
DATA CUT OFF 01+21
852
864
876
888
900
912
924
936
948
960
-40
-50
-55
10K
30K
50K
70K
90K
110K
130K

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 13 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+30
B 12/13/89 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1

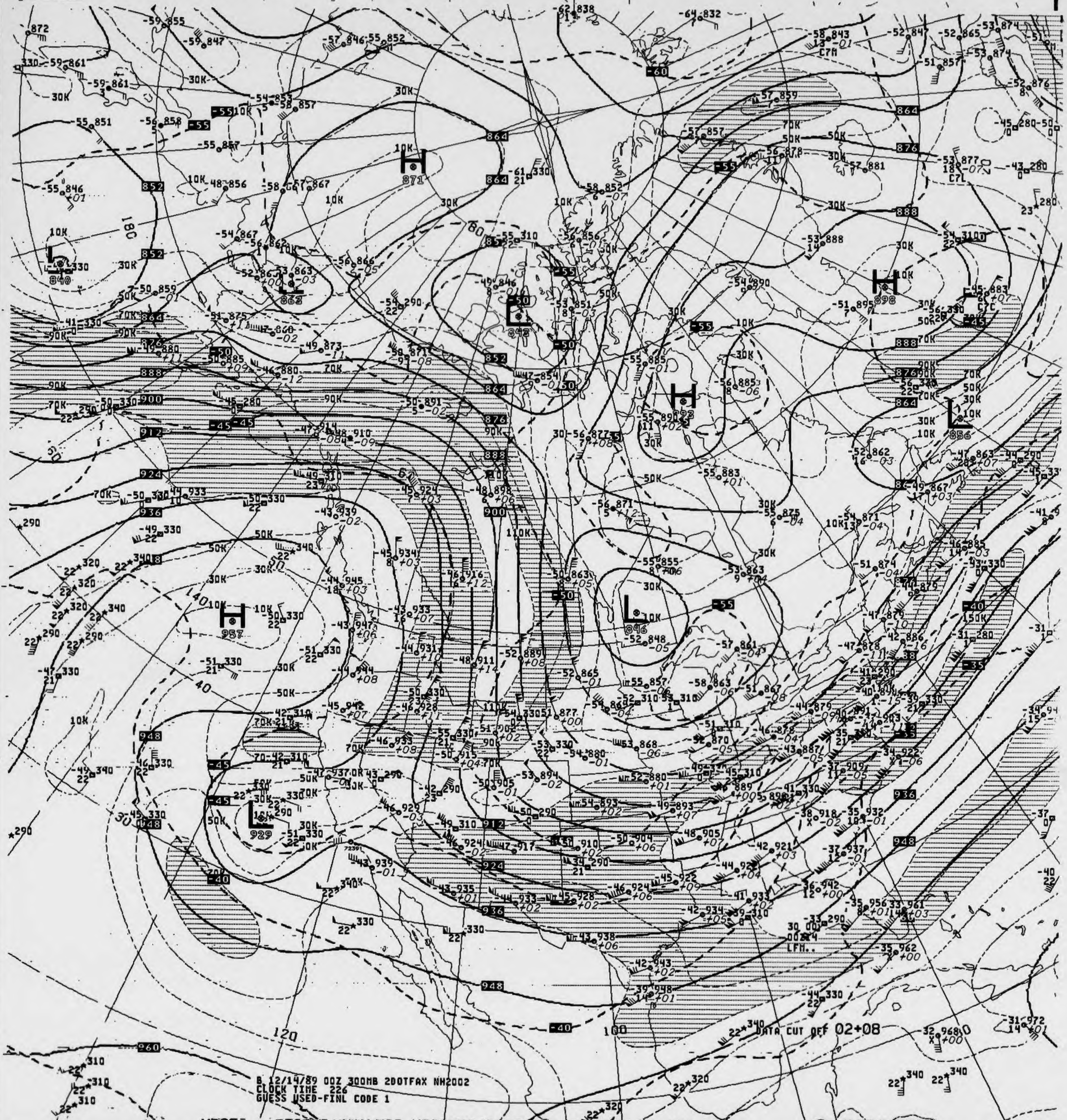
V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 13 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

300MB

-44 937

ID 72391
LAT/LONG 34N119W


DATA CUT OFF 02+08
LFM..
H
L
864
876
888
900
912
924
936
948
960
-40
-45
-50
-55
-60
10K
30K
50K
70K
90K
110K
150K
180
140
120
100
80
60
50
40
30

B 12/14/89 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 226
GUESS USED-FINL CODE 1

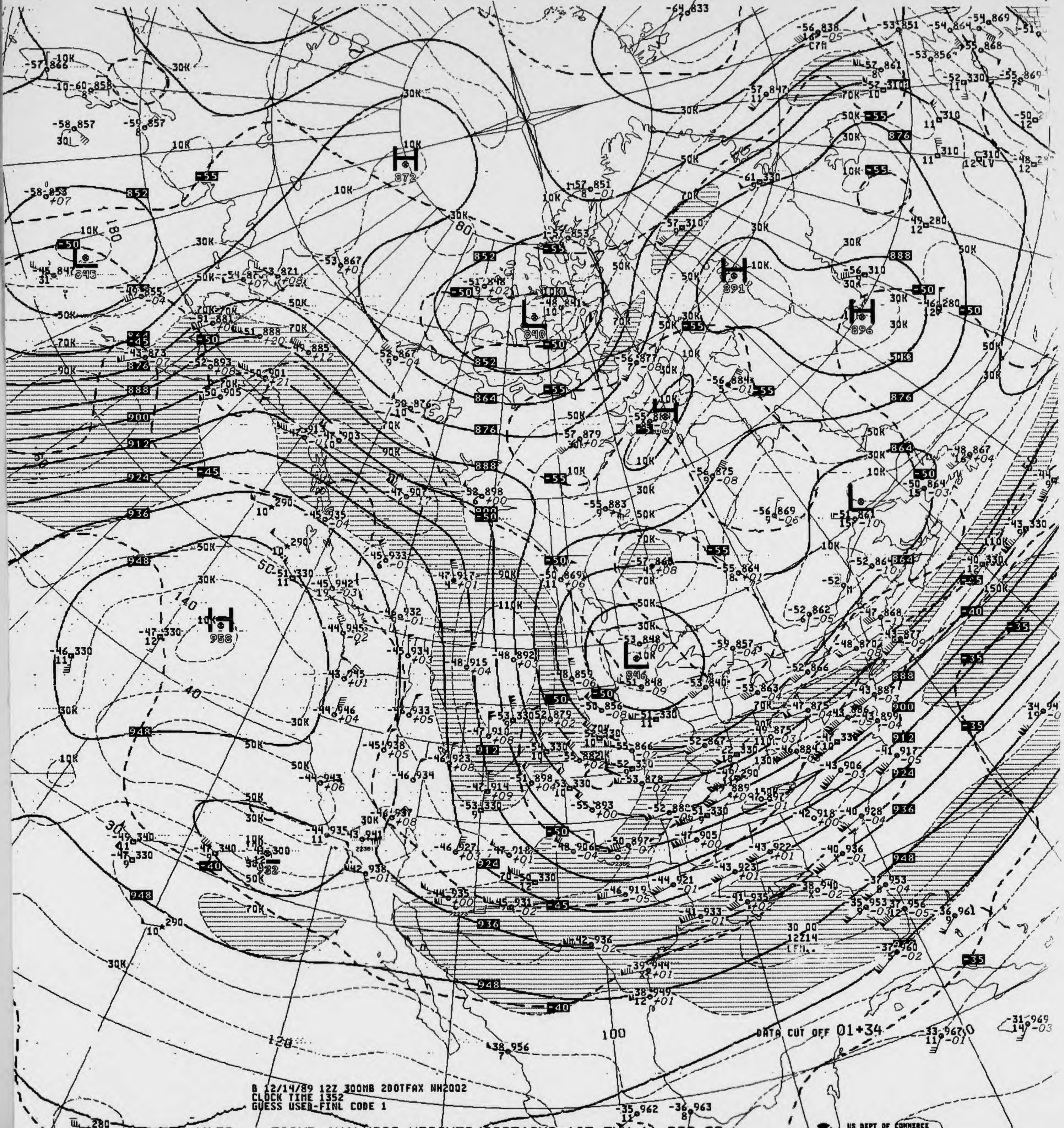
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 14 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

300MB

-48 901 -44 935
M 6

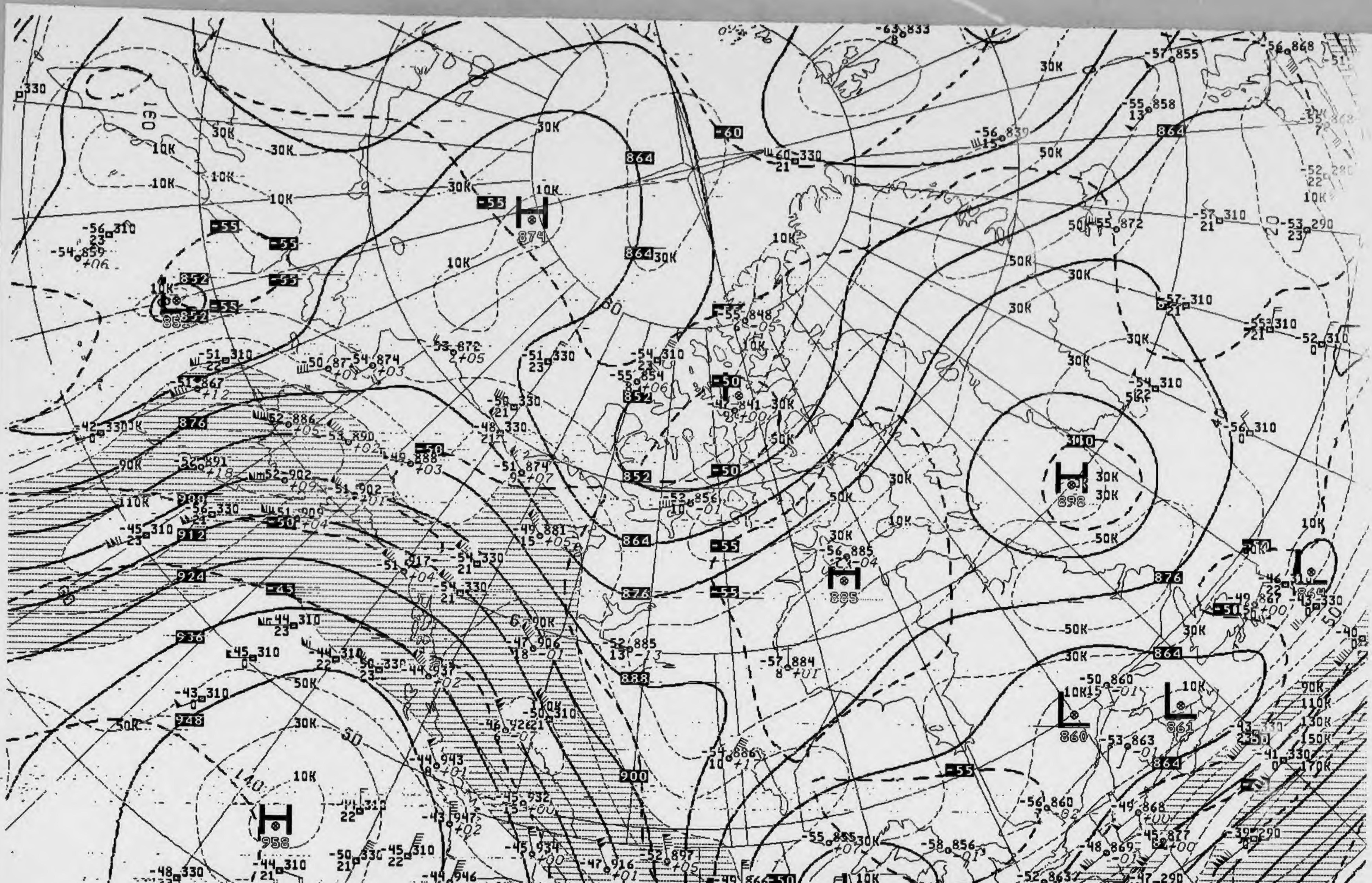
ID 72355 72273
LAT/LONG 34N098W 31N110W



B 12/14/89 12Z 300MB 200TFAX NH2002
CLOCK TIME 1352
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS-12Z THU 14 DEC 89

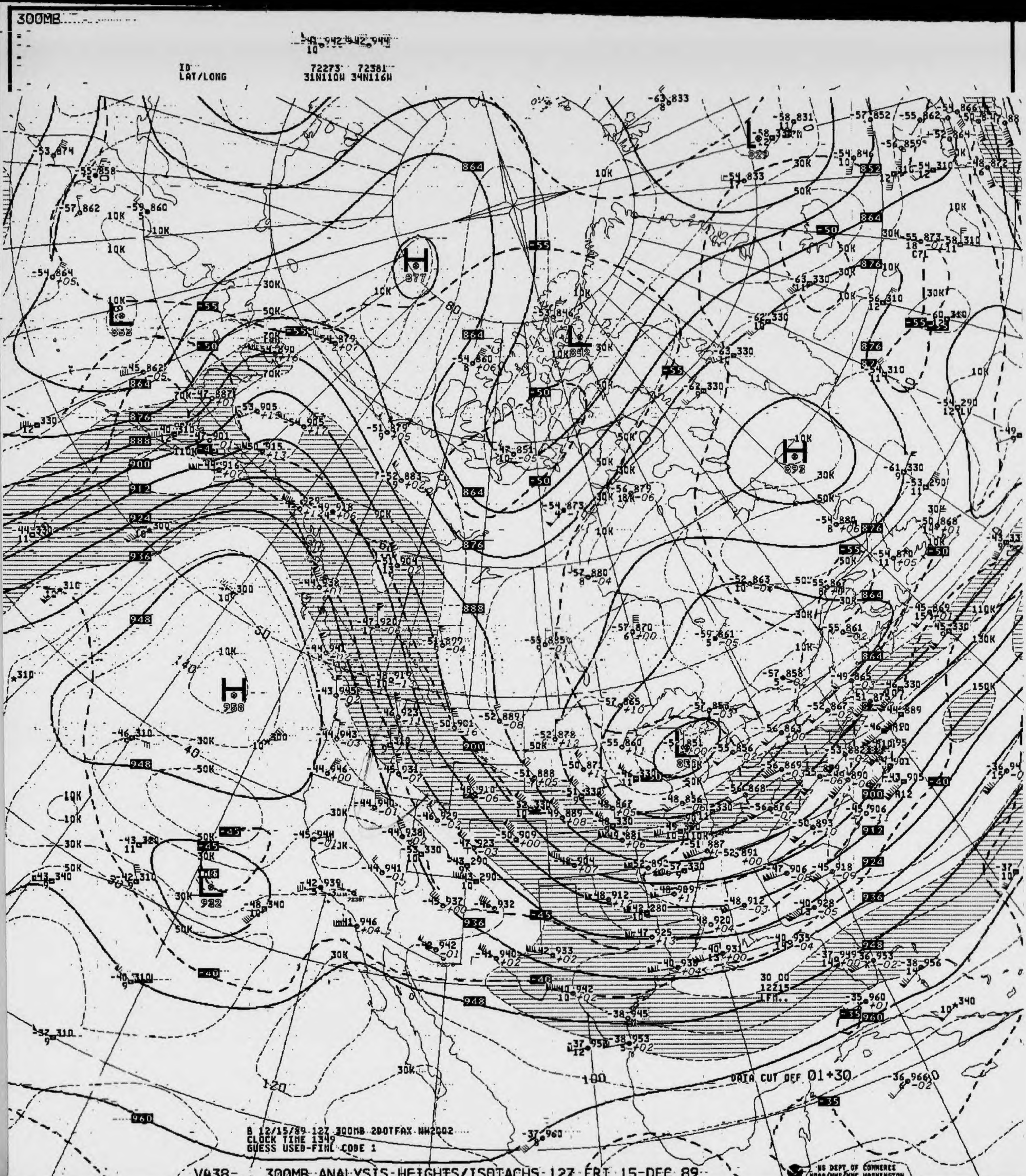
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+22
30 00
00Z15
LFM
120
100
H 874
H 958
H 898
H 885
L 852
L 924
L 848
L 860
L 861
864
876
888
900
912
924
936
948
960
-60
-55
-50
-45
-40

B 12/15/89 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 136
GUESS USED-FINL CODE 1

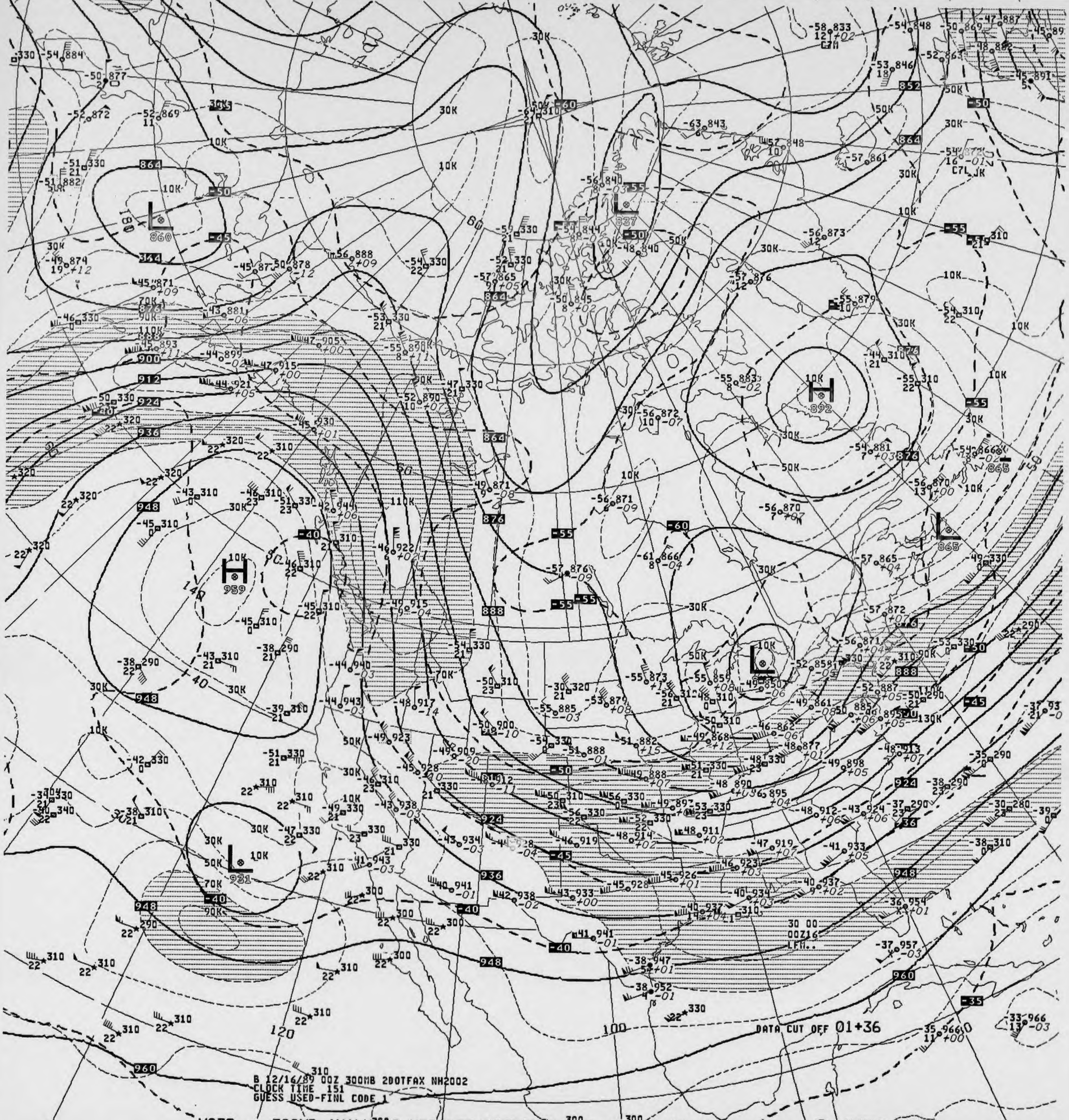
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 15 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


300MB
ID 72273 72381
LAT/LONG 31N110W 34N116W
B 12/15/89 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1349
GUESS USED-FINL CODE 1
DATA CUT OFF 01+30
H
L
864
876
888
900
912
924
936
948
960
-55
-50
-45
-40
-35
10K
30K
50K
70K
110K
130K
150K

V438-.. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 15-DEC 89

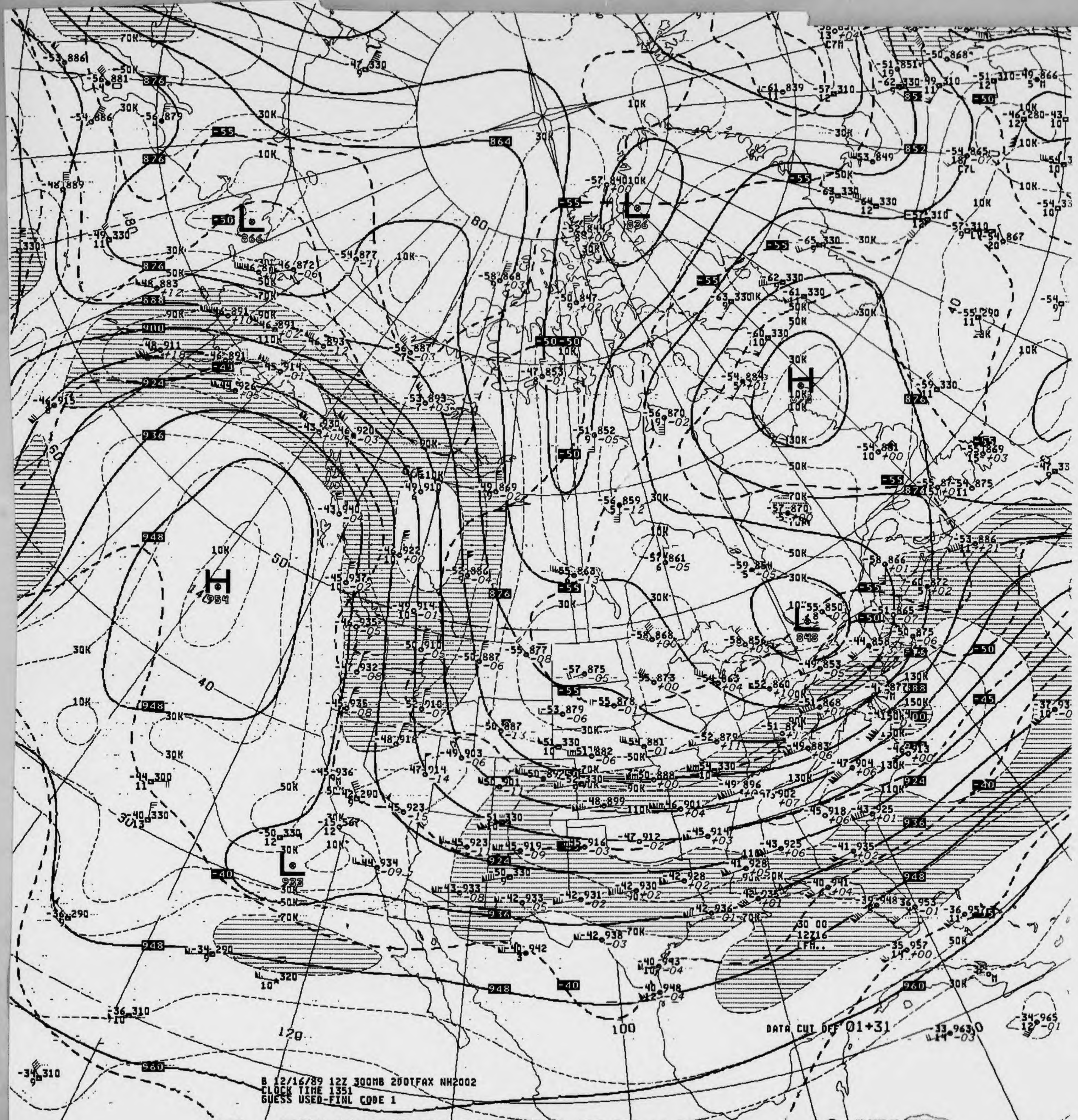
US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+36
30 00
00Z16
LFM..

B 12/16/89 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 16 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

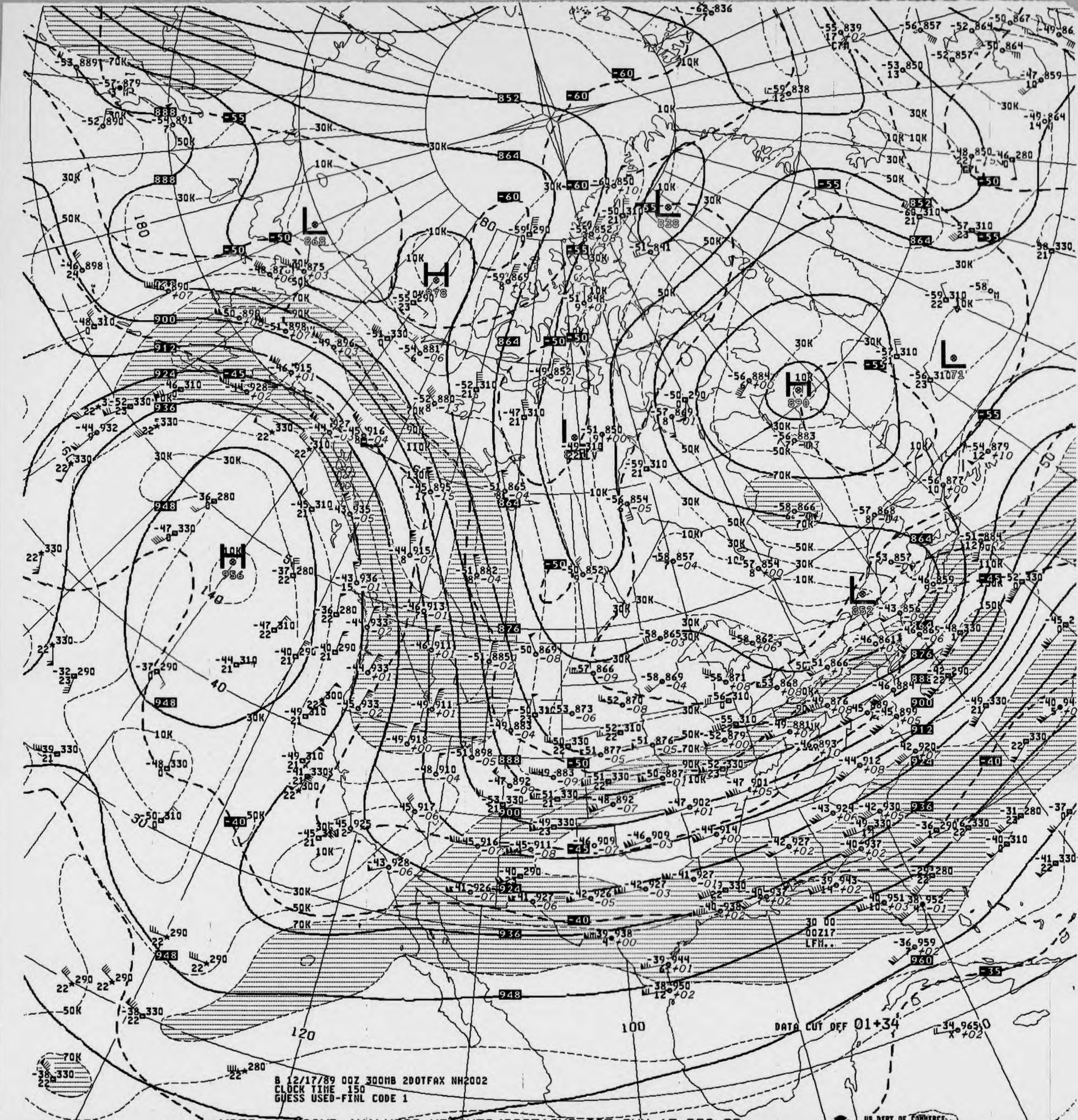


B 12/16/89 12Z 300MB 200TFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1

DATA CUT OFF 01+31

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 16 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

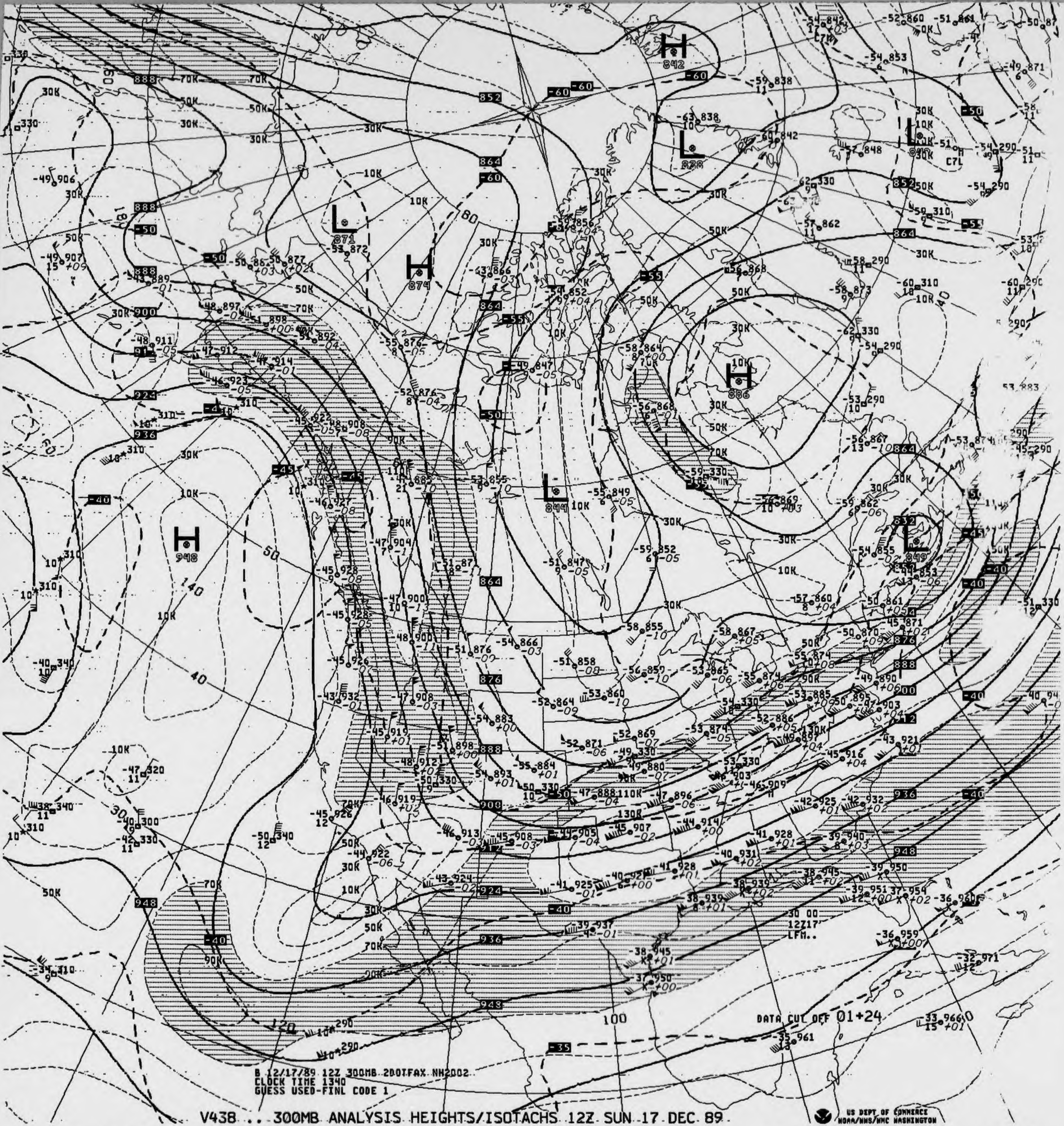


DATA CUT OFF 01+34

B 12/17/89 00Z 300MB 200TFAX NH2002
CLOCK TIME 150
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 17 DEC 89

US DEPT OF COMMERCE-
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+24
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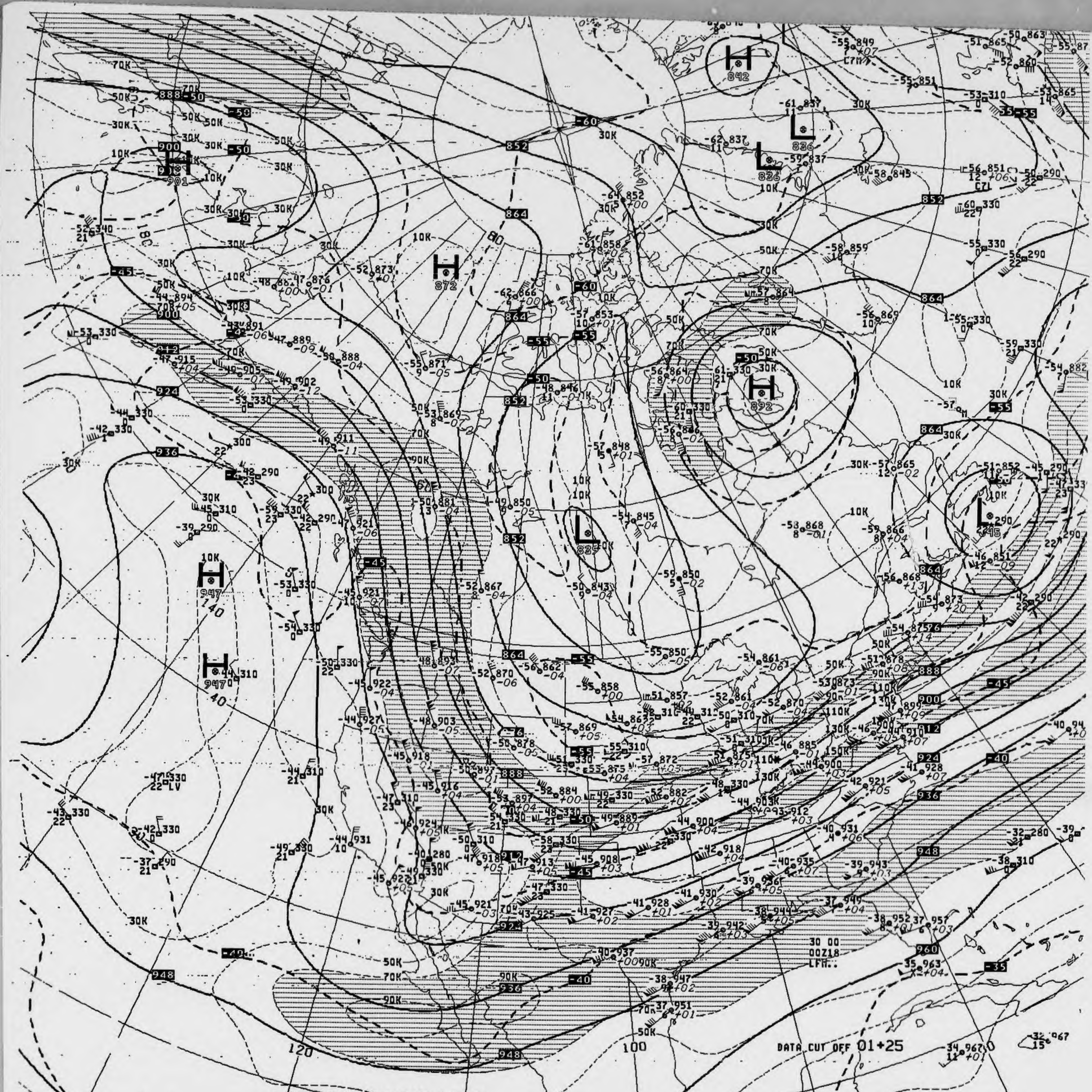
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 ... 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 17 DEC 89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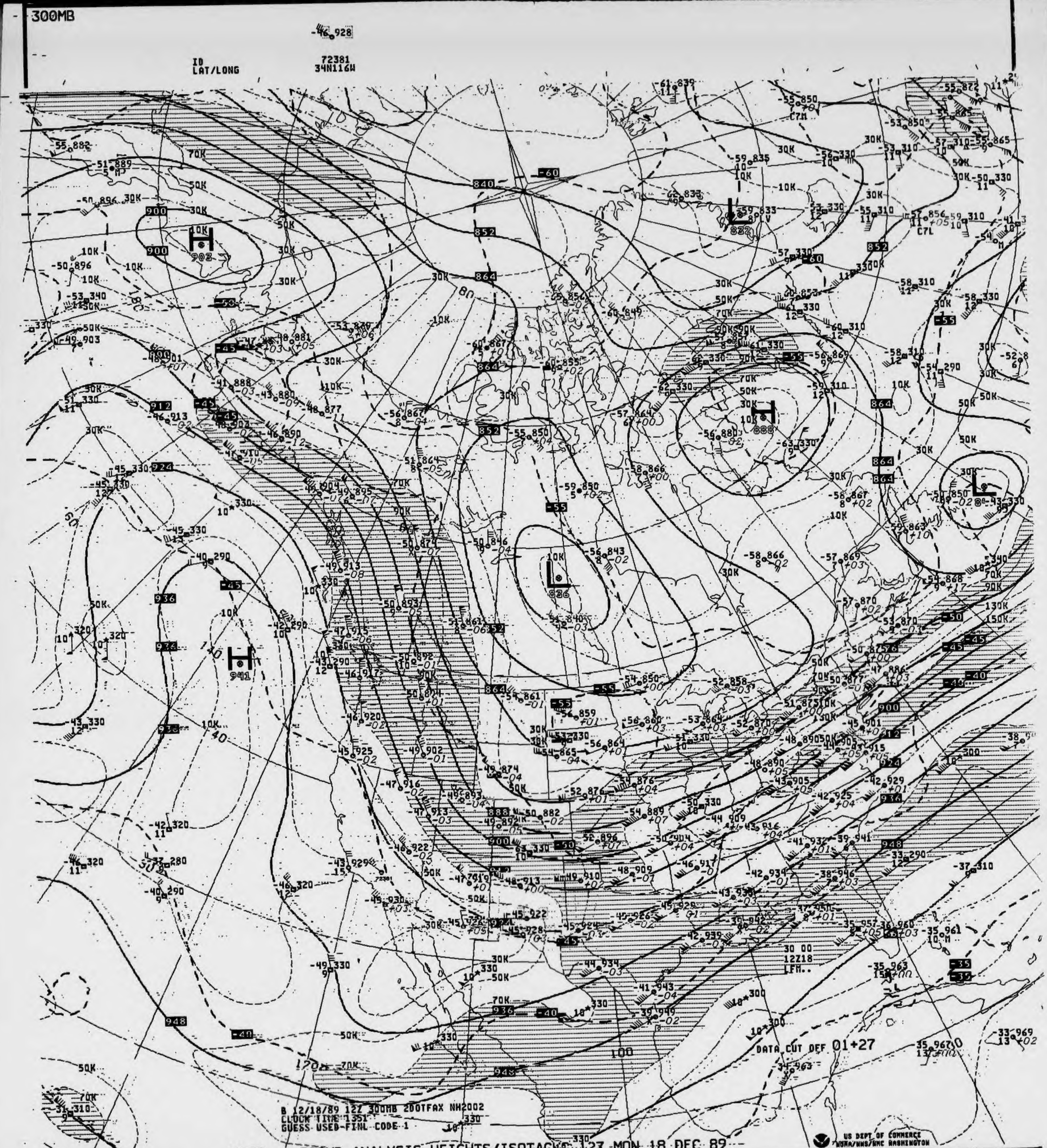
00Z18
LFM..

B 12/18/89 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 140
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 18 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


300MB
-46 928
ID 72381
LAT/LONG 34N116W
DATA CUT OFF 01+27
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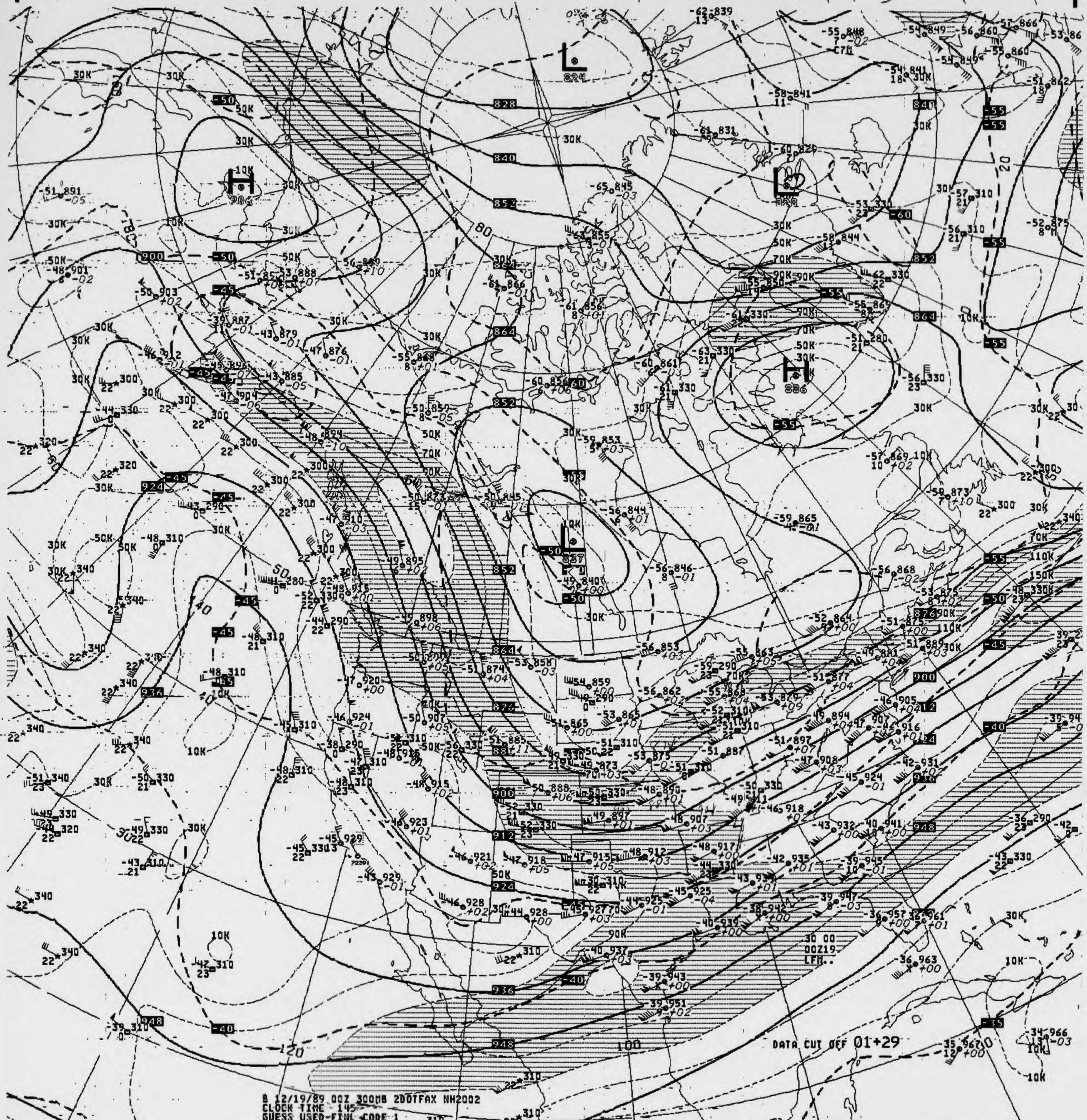
CLOCK TIME 1351
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 ... 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 18 DEC 89

300MB

-43 929

ID 72391
LAT/LONG 34N119W


824
828
840
852
864
876
888
900
912
924
936
948
886
837
906
DATA CUT OFF 01+29
30 00
00Z19
LFM..
30K
50K
70K
90K
110K
150K
10K

B 12/19/89 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 145
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 19 DEC 89

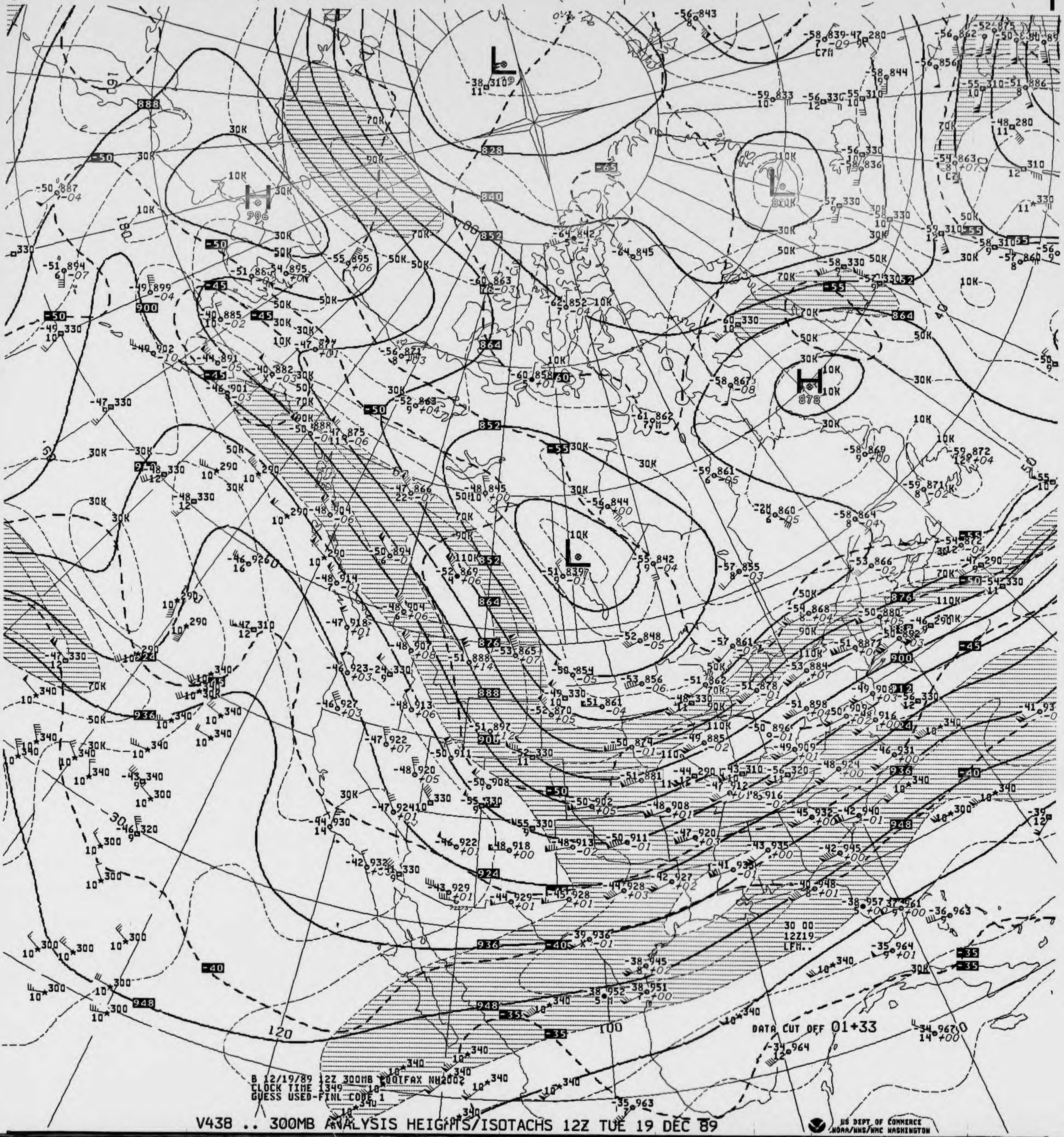
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

300MB

43 929
24

ID
LAT/LONG

72273
31N110W



L
H
L
H
L
906
878
888
828
840
852
864
876
888
900
912
924
936
948
-65
-60
-55
-50
-45
-40
-35
10K
30K
50K
70K
90K
110K
180
160
120
100
40
50
30 00
12Z19
LFM..
DATA CUT OFF 01+33
B 12/19/89 12Z 300MB DIFAX NH2002
CLOCK TIME 1349
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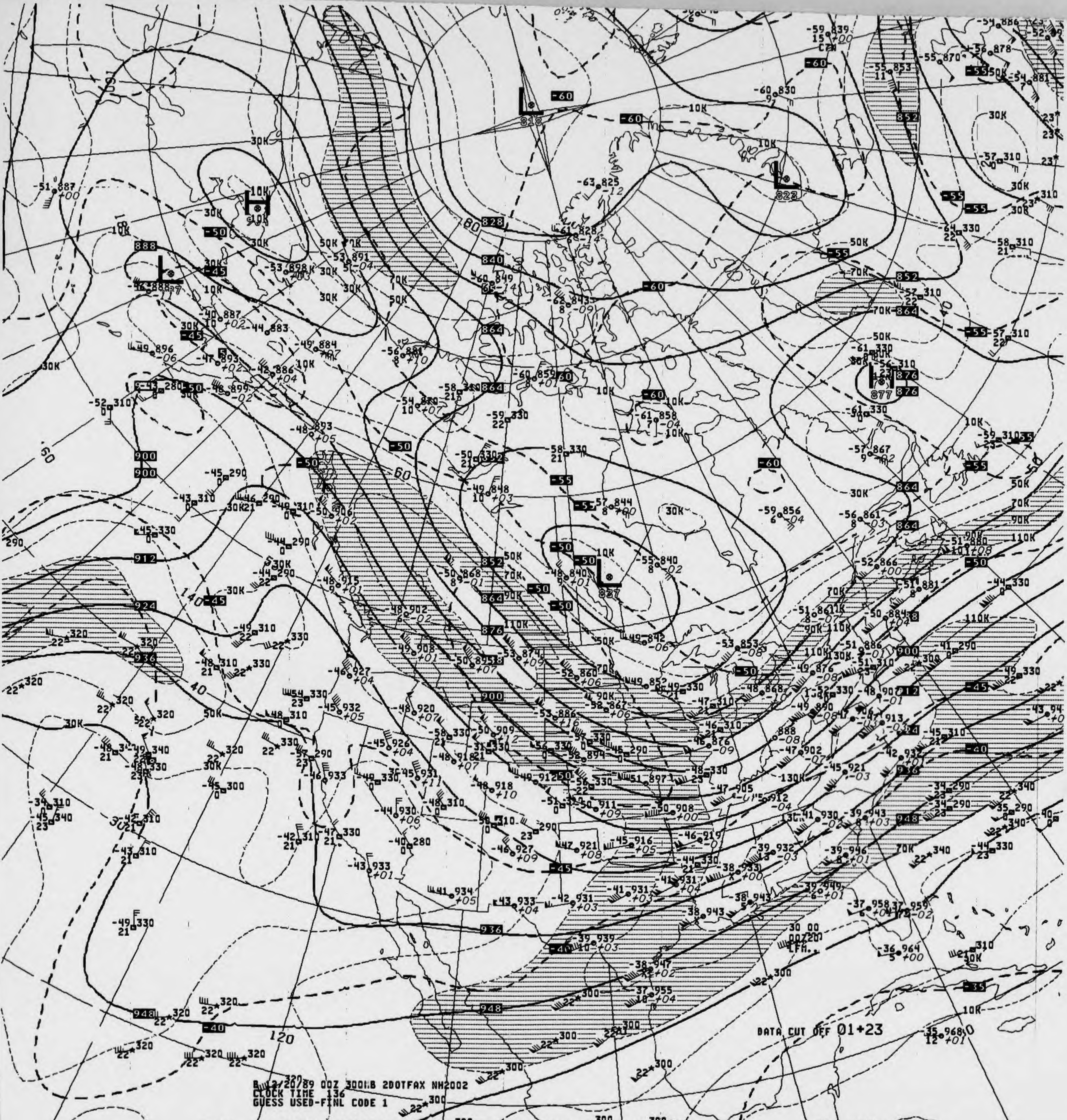
V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 136
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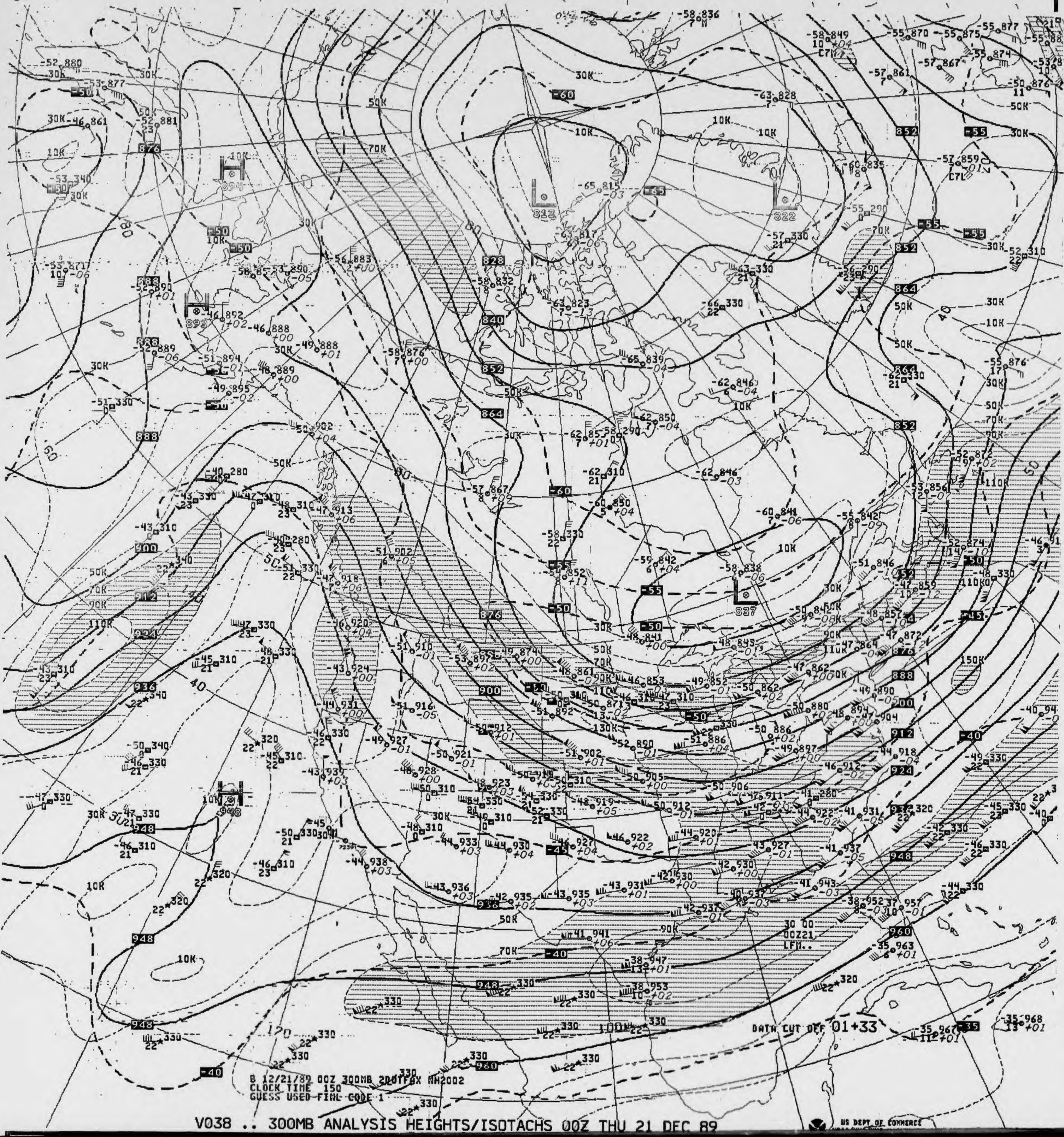
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

300MB

45 937

ID 72391
LAT/LONG 34N119W

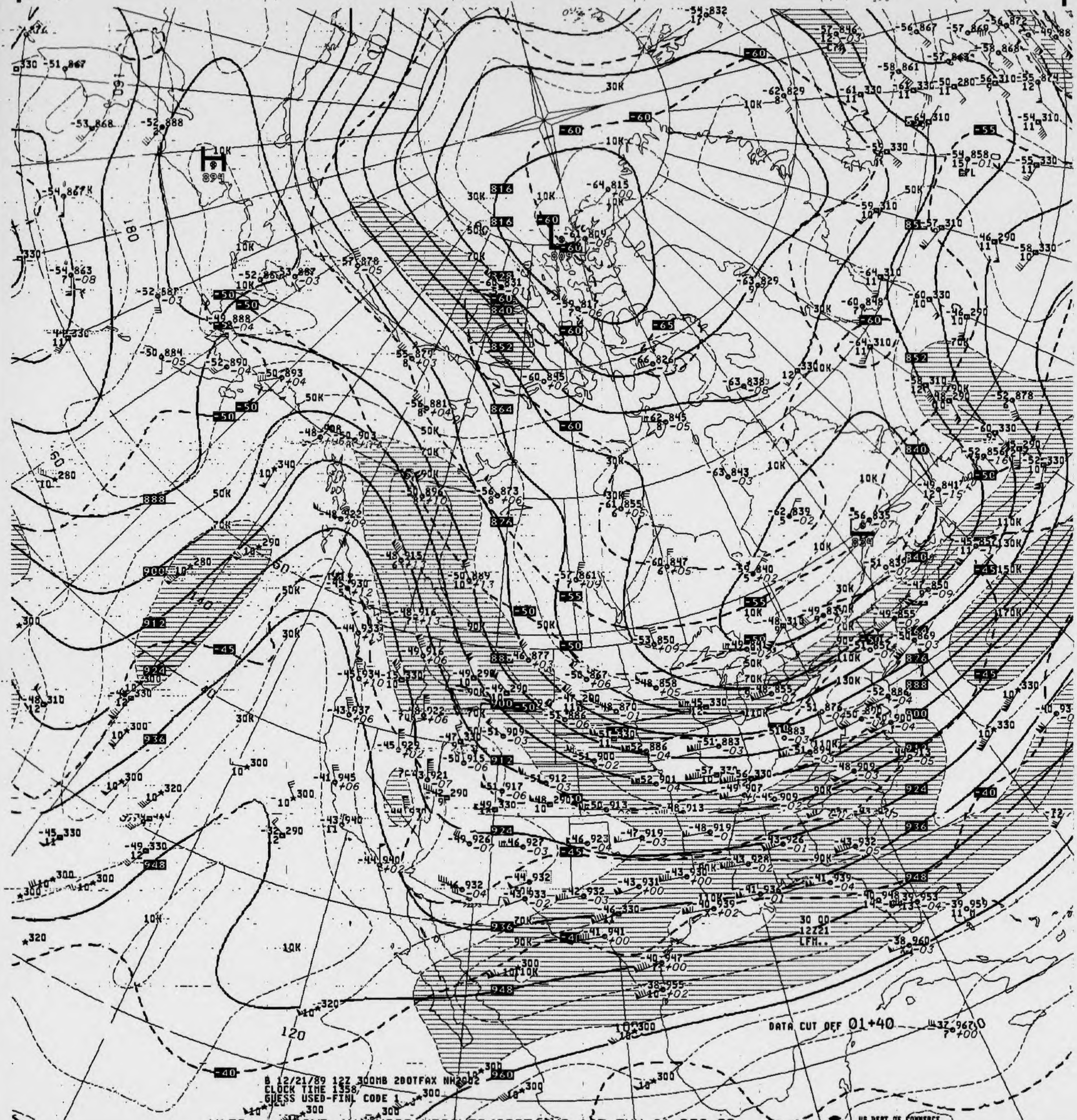

H
L 813
L 822
L 837
H 948
30K
50K
70K
90K
110K
130K
150K
10K
B 12/21/89 00Z 300MB 200TPBX NH2002
CLOCK TIME 150
GUESS USED-FINL CODE 1
DATA CUT OFF 01+33
30 00
00Z21
LFM..

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 21 DEC 89

US DEPT OF COMMERCE

300MB

ID 72273
LAT/LONG 31N110W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CLOCK TIME 1358
GUESS USED-FINL CODE 1
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V438 .. 300MB-ANALYSIS HEIGHTS/ISOTACHS 12Z THU 21 DEC 89

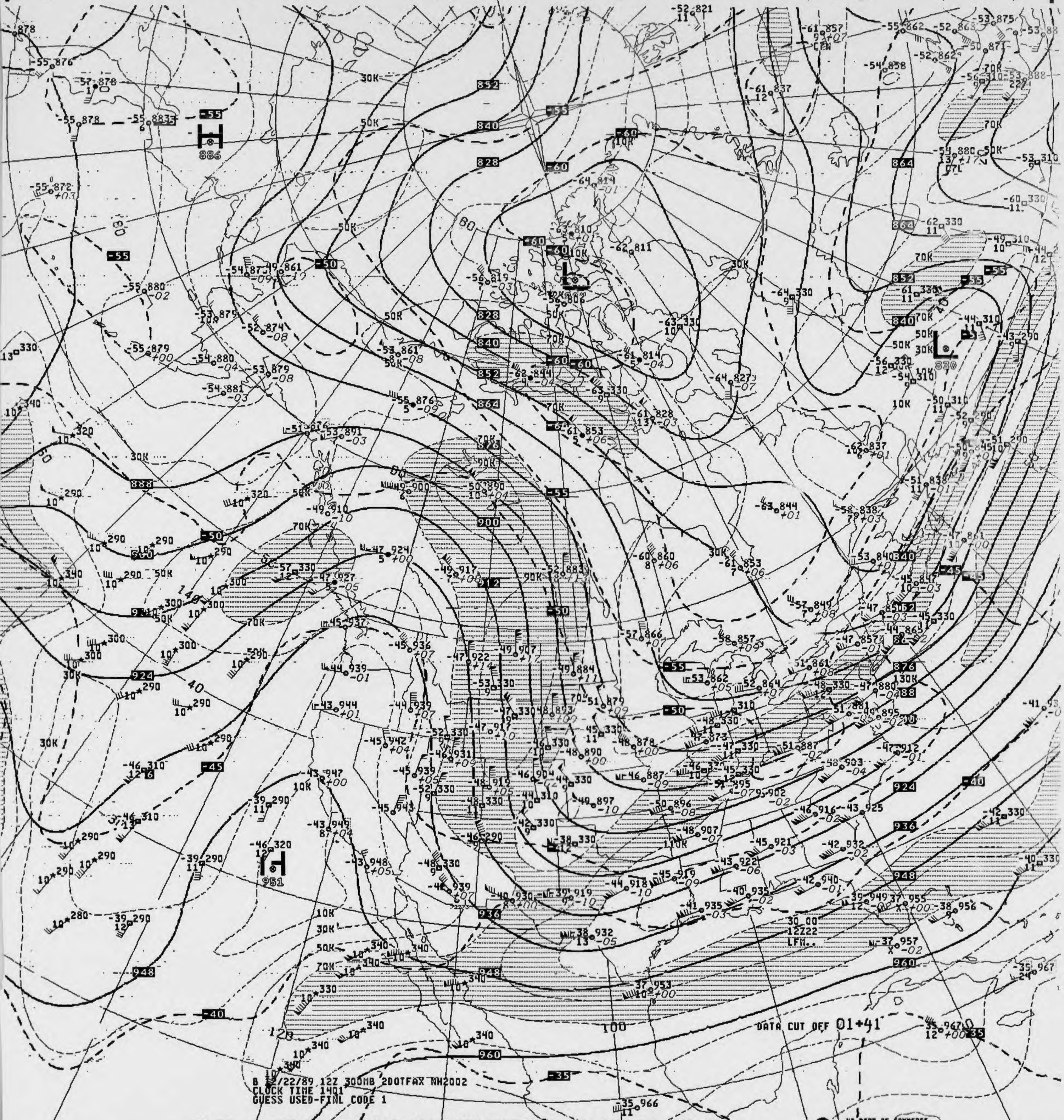
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

300MB

-41 938
21

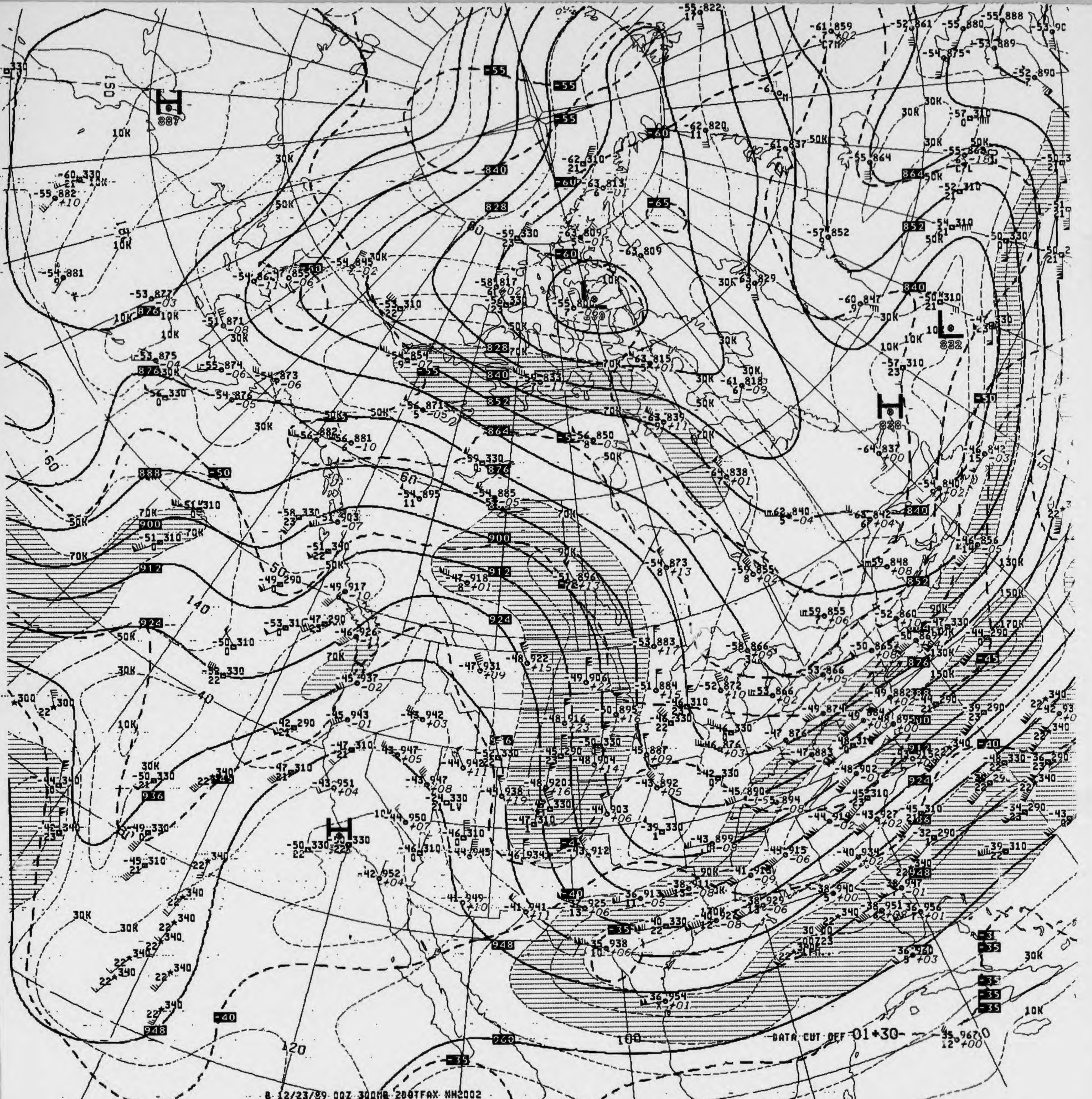
ID
LAT/LONG

72273
31N110W


B 12/22/89 12Z 300MB 200TFAX NH2002
CLOCK TIME 1401
GUESS USED-FINL CODE 1
DATA CUT OFF 01+41
852
840
828
864
888
900
912
924
936
948
960
886
951
830
-55
-60
-50
-45
-40
-35
30K
50K
70K
90K
10K
130K
30 00
12Z22
LFM..

V438 ..... 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 22 DEC 89

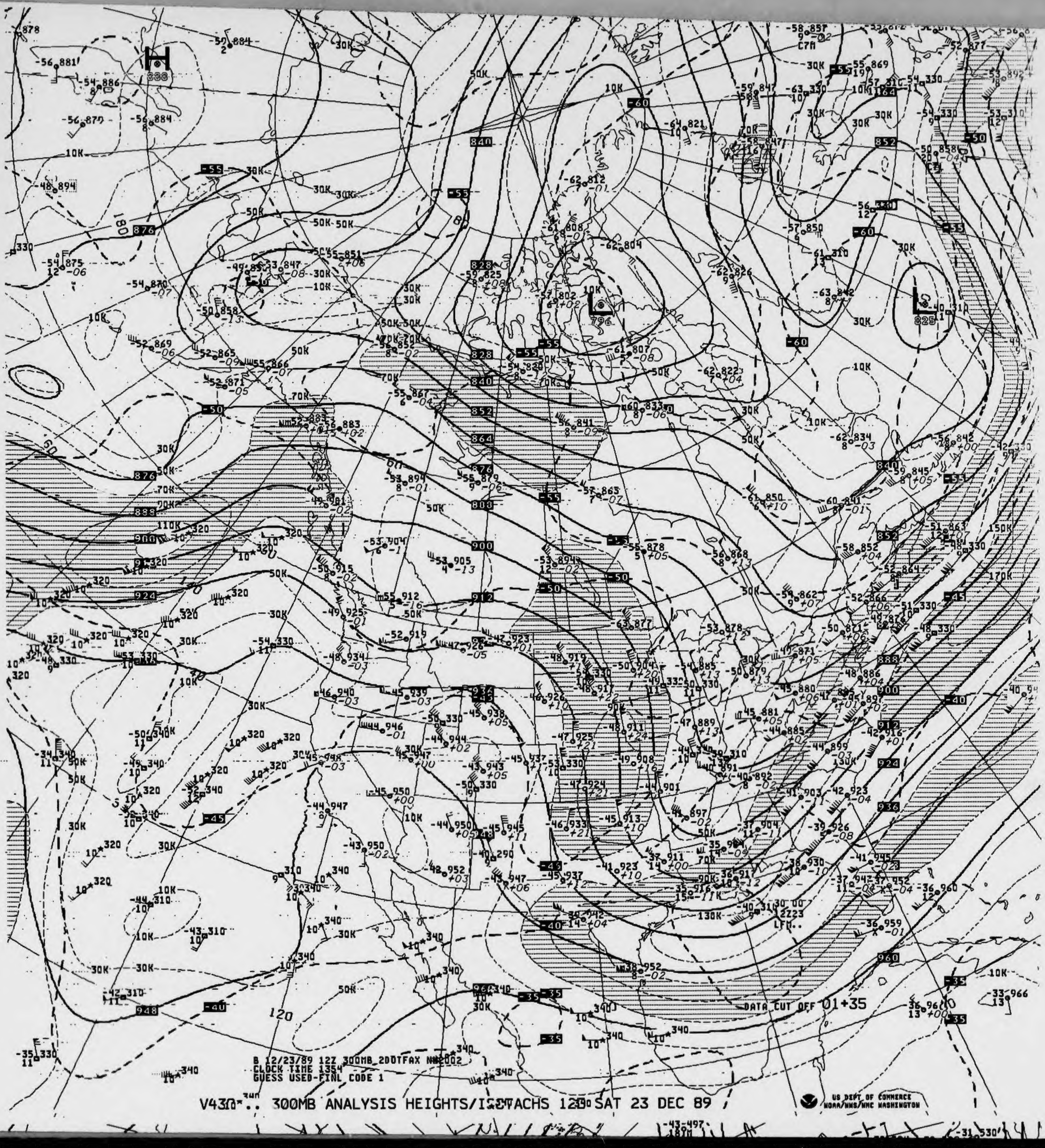
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
887
L
800
L
832
H
828
H
DATA CUT OFF 01+30
150
140
120
100
60
50

B 12/23/89 00Z 300MB 200TFAX NH2002
CLOCK TIME 145
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 23 DEC 89

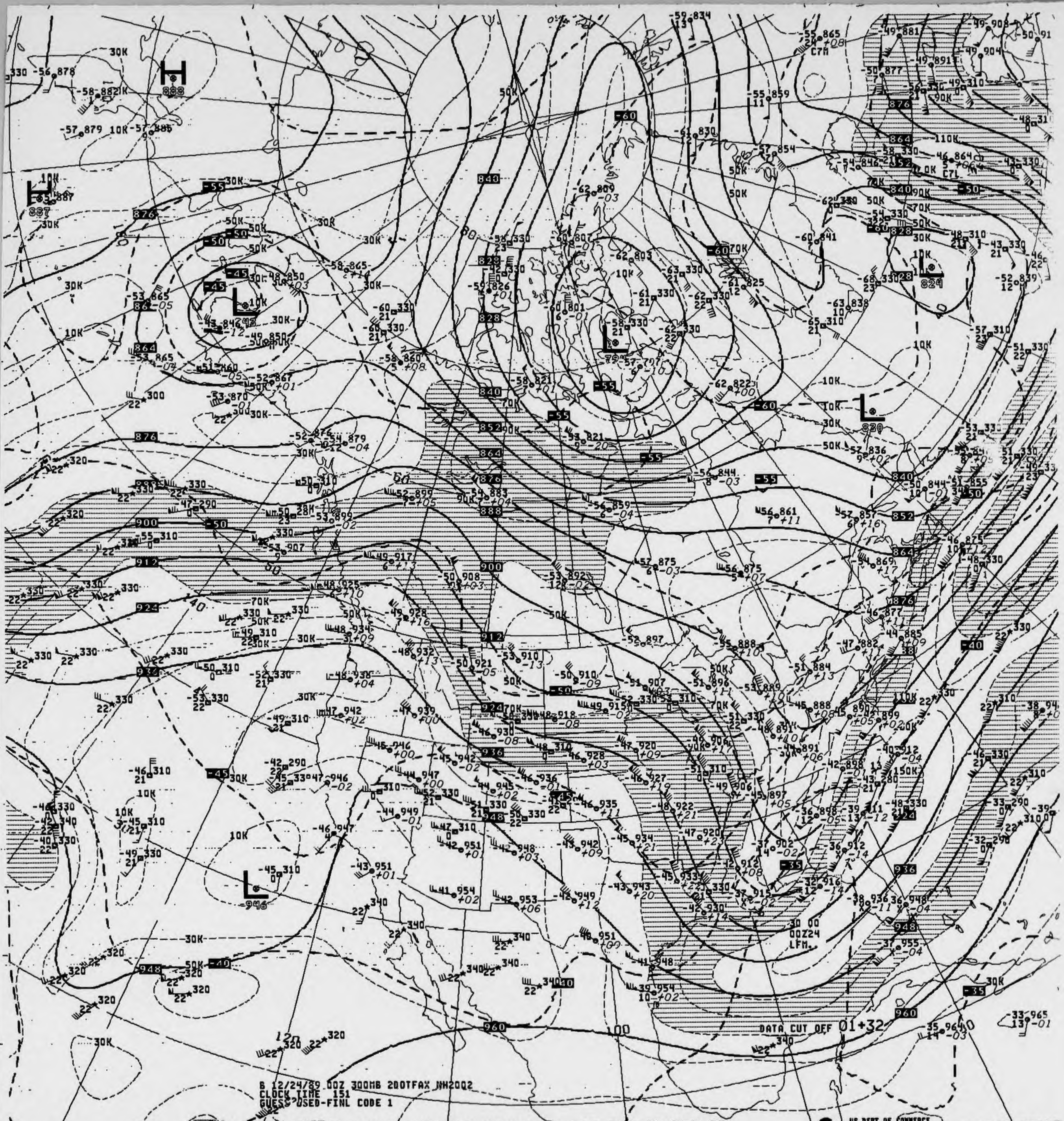
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
888
L
796
L
825
DATA CUT OFF 01+35

B 12/23/89 12Z 300MB 200TFAX NMC002
CLOCK TIME 1354
GUESS USED-FINL CODE 1

V430 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
888
L
842
L
826
L
794
L
830
L
824
L
946
840
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864
876
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912
924
936
948
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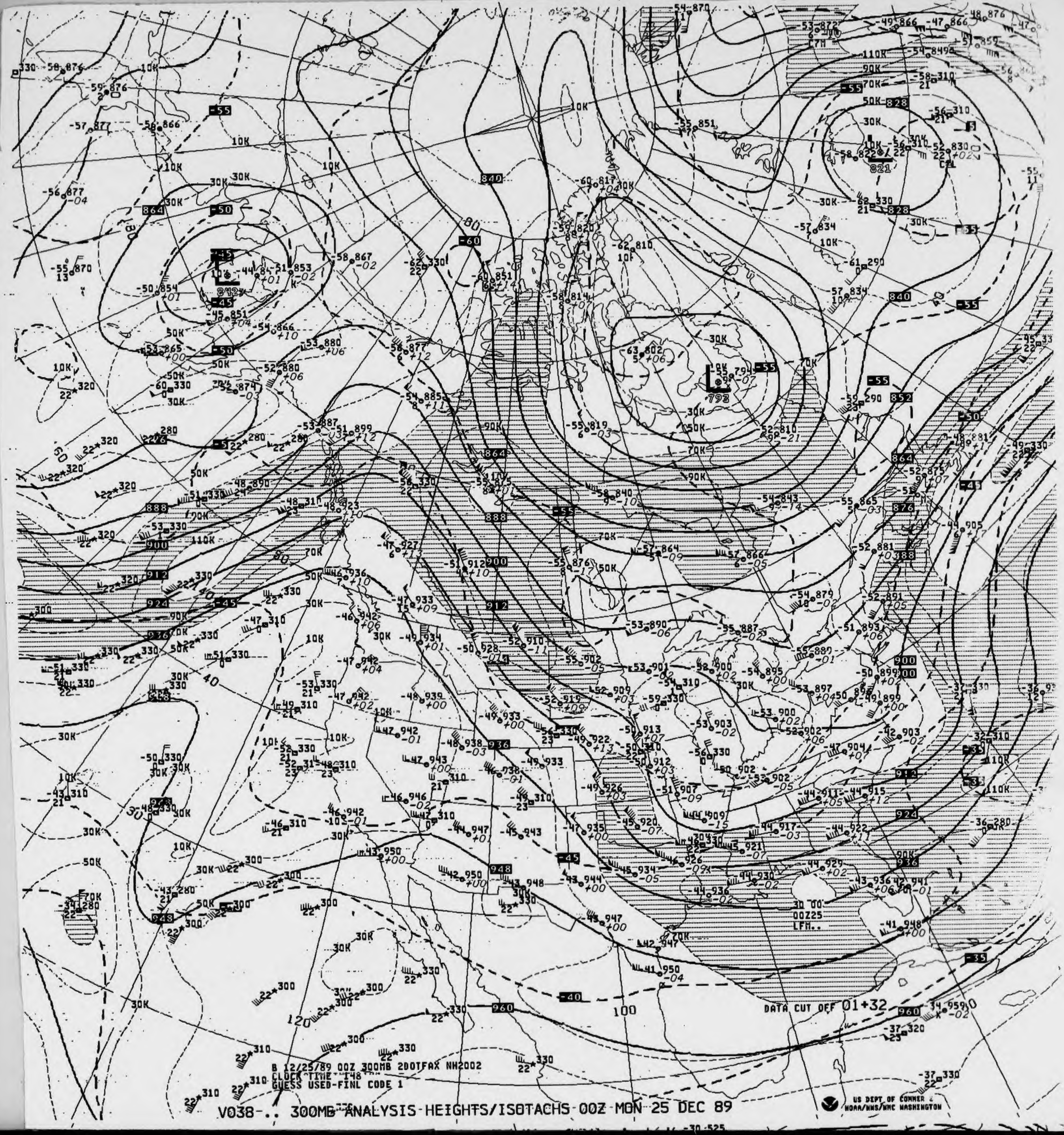
-60
-55
-50
-45
-40
-35
30K
50K
70K
90K
110K
150K
10K
30 00
00Z24
LFM.
DATA CUT OFF 01+32

B 12/24/89 00Z 300MB 200TFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1

J038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 24 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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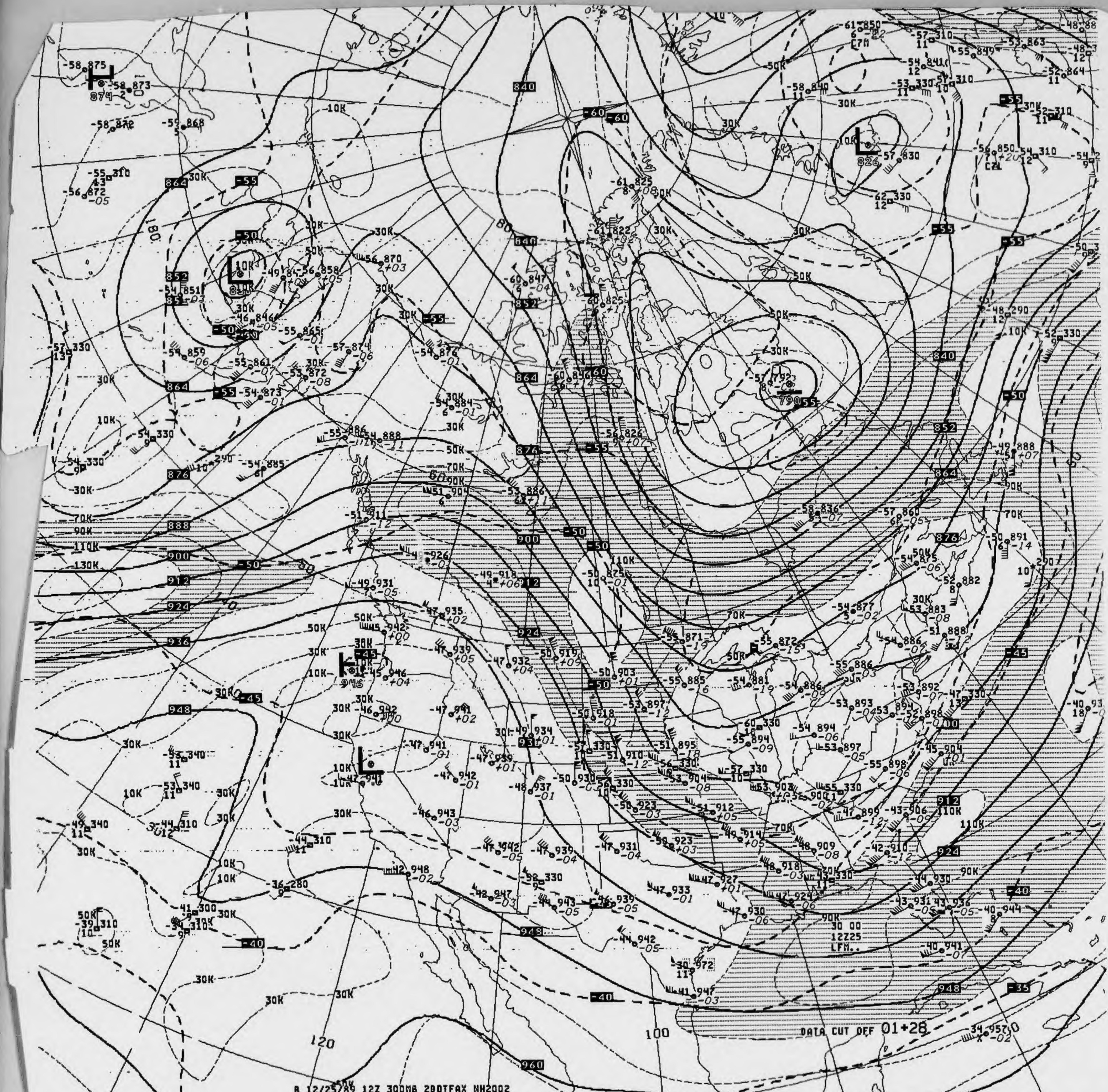
00Z25
LFM..
B 12/25/89 00Z 300MB 200TFAX NH2002
CLOCK TIME 148
GUESS USED-FINL CODE 1

V038.. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 25 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+28
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LFM..
840
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864
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888
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-55
-50
-45
-40
-35
30K
50K
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90K
110K
130K
100
120
180

B 12/25/89 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1342
GUESS USED-FINL CODE 1

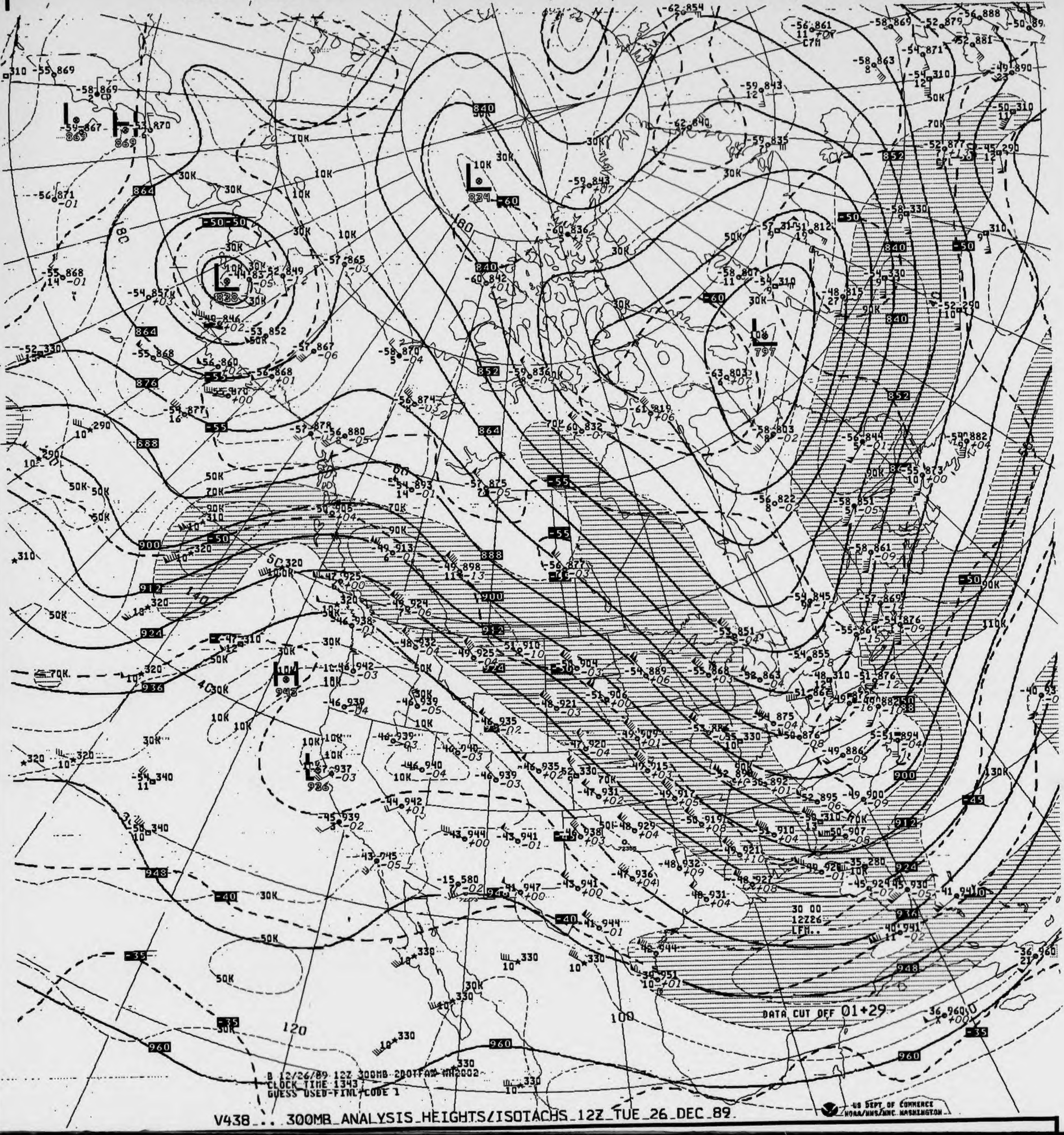
V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 25 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

300MB

-46 936 M -41 947 B

ID 72355 72273
LAT/LONG 34N098W 31N110W



B 12/26/89 12Z 300MB 200TFAN NM2002
CLOCK TIME 1343
GUESS USED-FINL/CODE 1
DATA CUT OFF 01+29
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12Z26
LFM..
L 834
L 828
L 797
L 926
H 869
H 948
840
852
864
876
888
900
912
924
936
948
960
-60
-55
-50
-45
-40
-35
10K
30K
50K
70K
90K
110K
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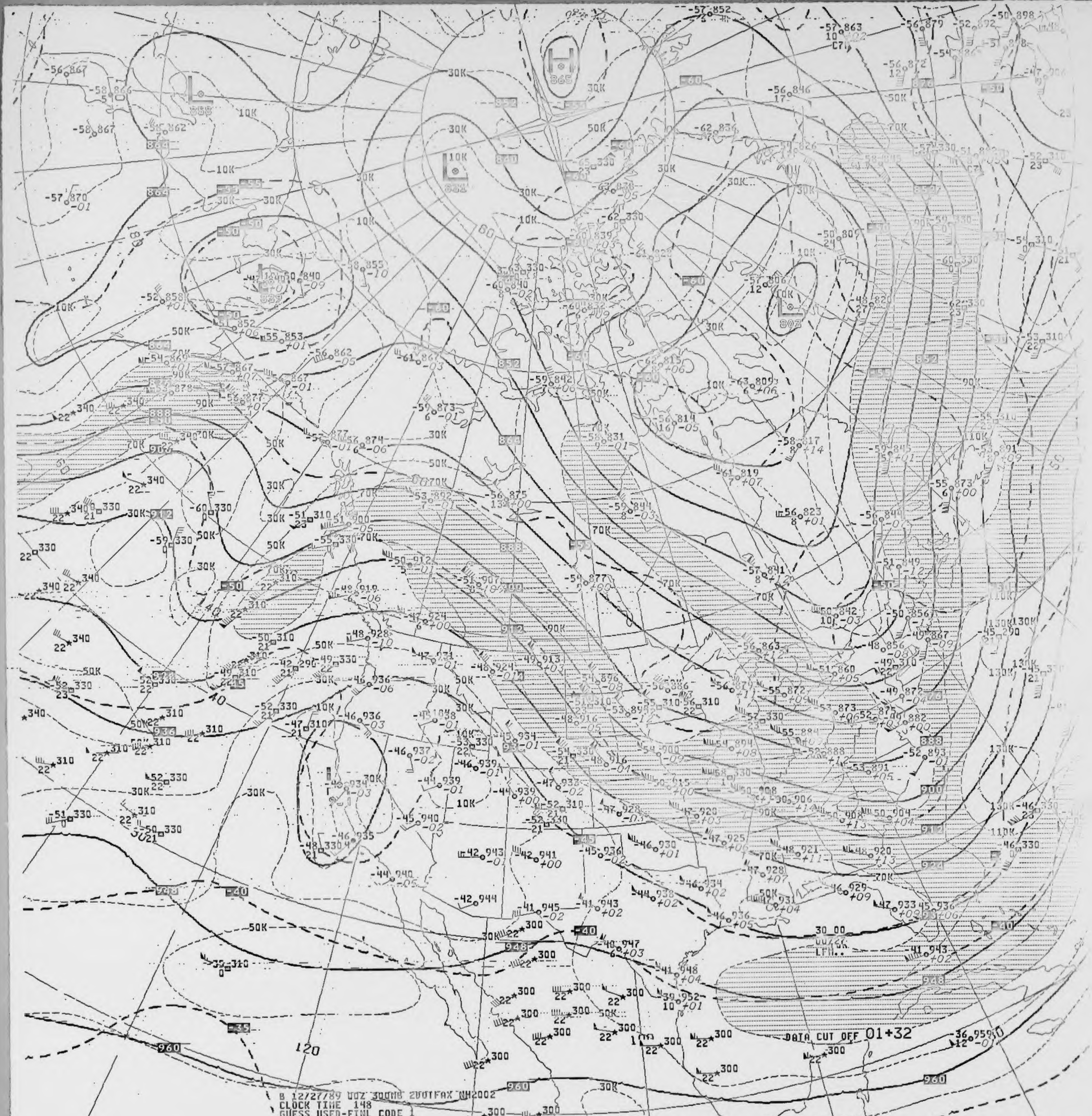
140

V438 ... 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 26 DEC 89.

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON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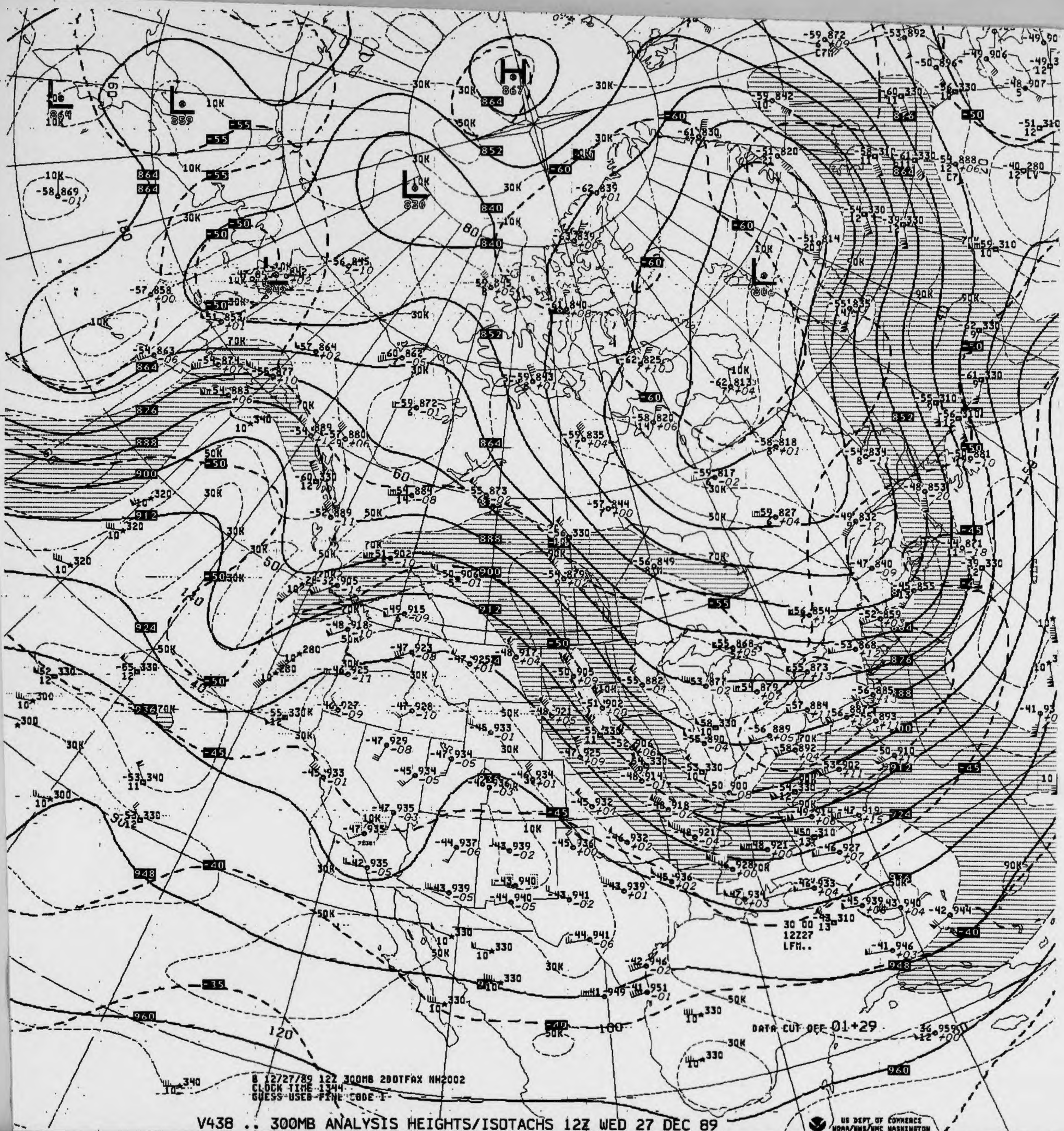
CLOCK TIME 148
GUESS USED-FINL CODE 1
DATA CUT OFF 01+32

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 27 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
867
L
859
L
830
L
806
L
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864
852
840
876
888
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912
924
936
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-60
-55
-50
-45
-40
-35
30K
50K
70K
90K
10K
60
80
100
120
140
DATA CUT OFF 01+29
30 00
12Z27
LFM..
8 12Z27/89 12Z 300MB 2DOTFAX NH2002
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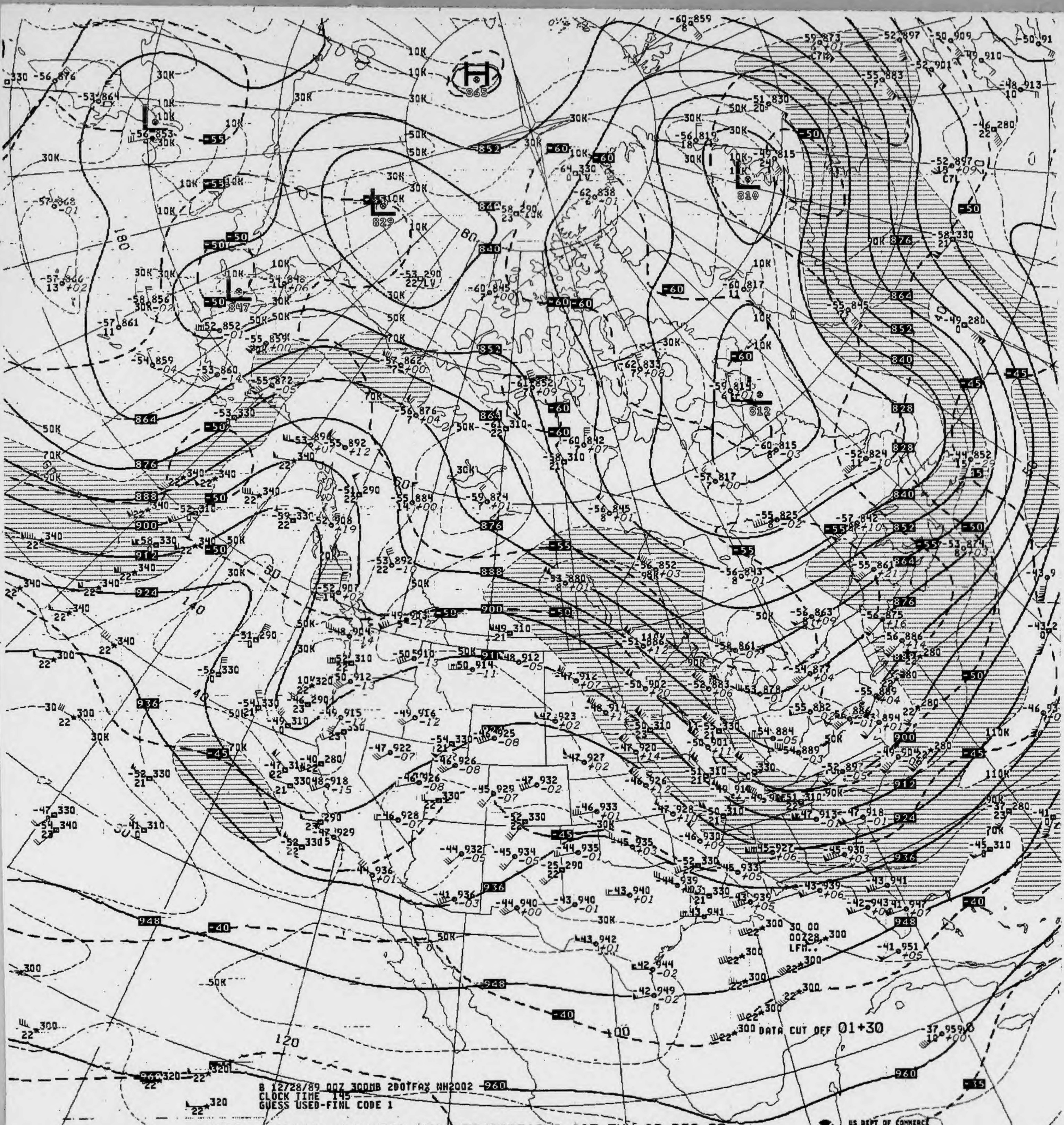
GUESS USED FINE CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 27 DEC 89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DATA CUT OFF 01+30
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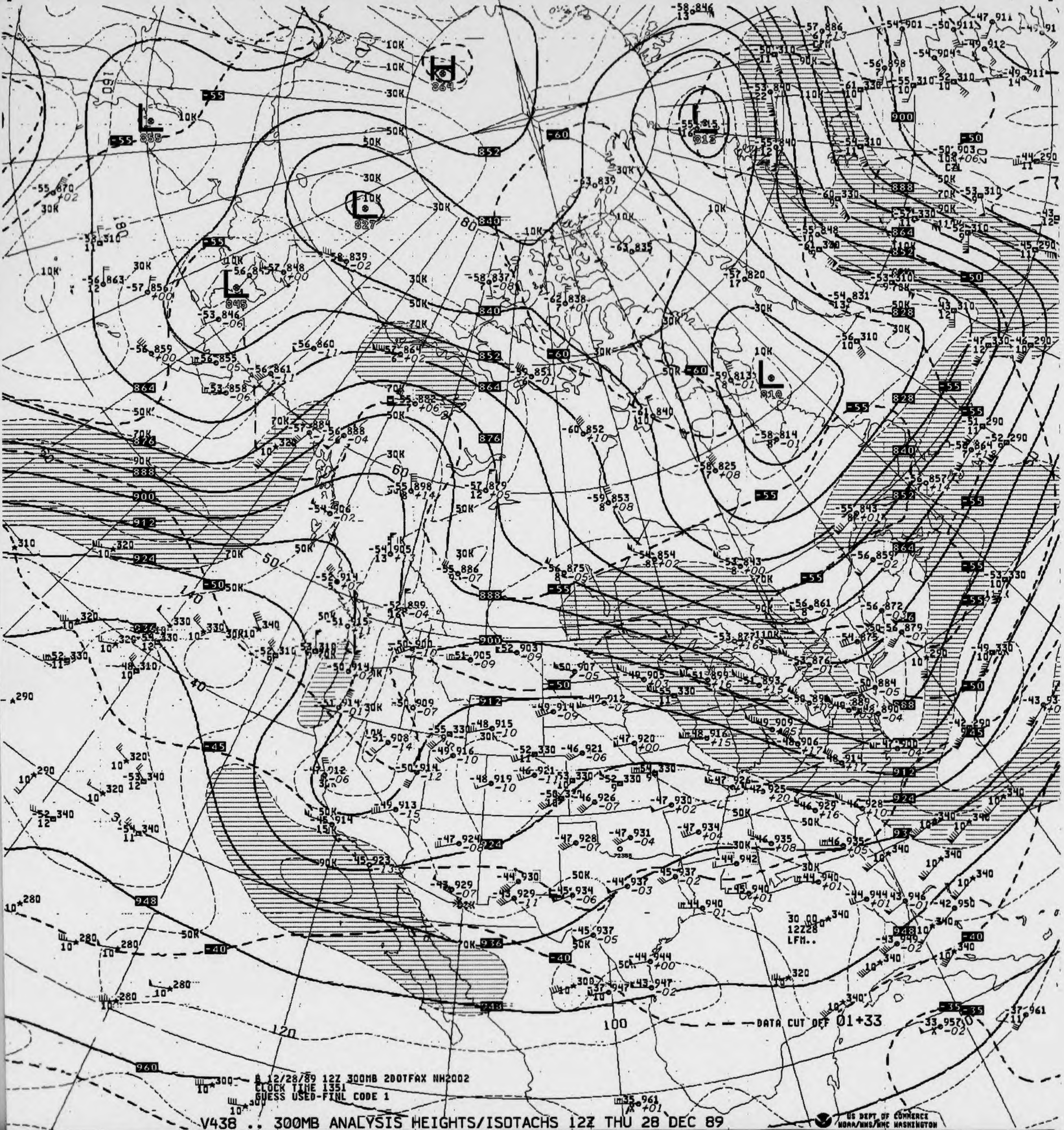
00Z28
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V038 .. 300MB-ANALYSIS HEIGHTS/ISOTACHS 00Z THU 28 DEC 89

300MB

	-46 933 M	-42 929 16
ID	72355	72273
LAT/LONG	34N098W	31N110W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CLOCK TIME 1351
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DATA CUT OFF 01+33
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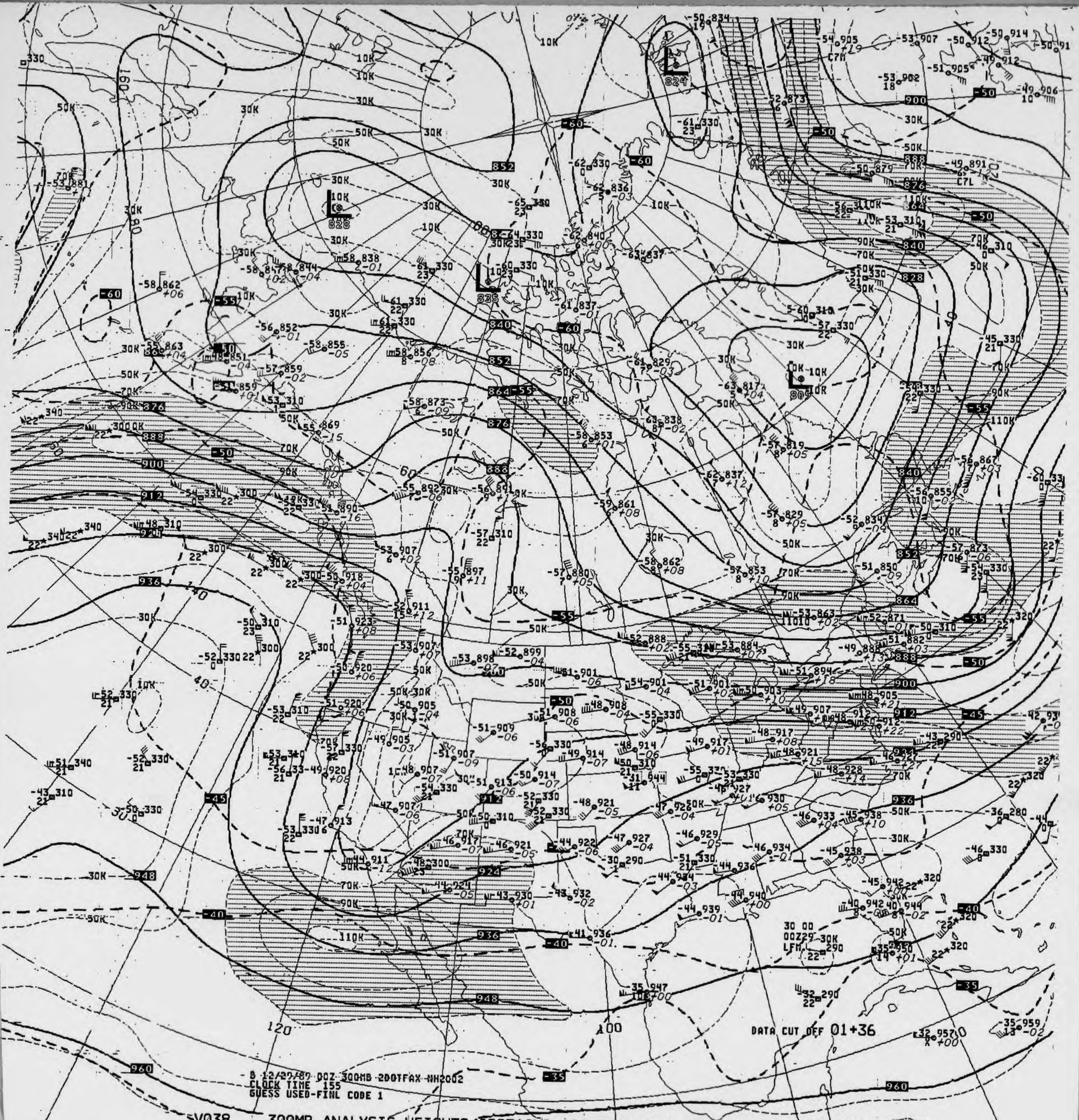
V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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GUESS USED-FINL CODE 1

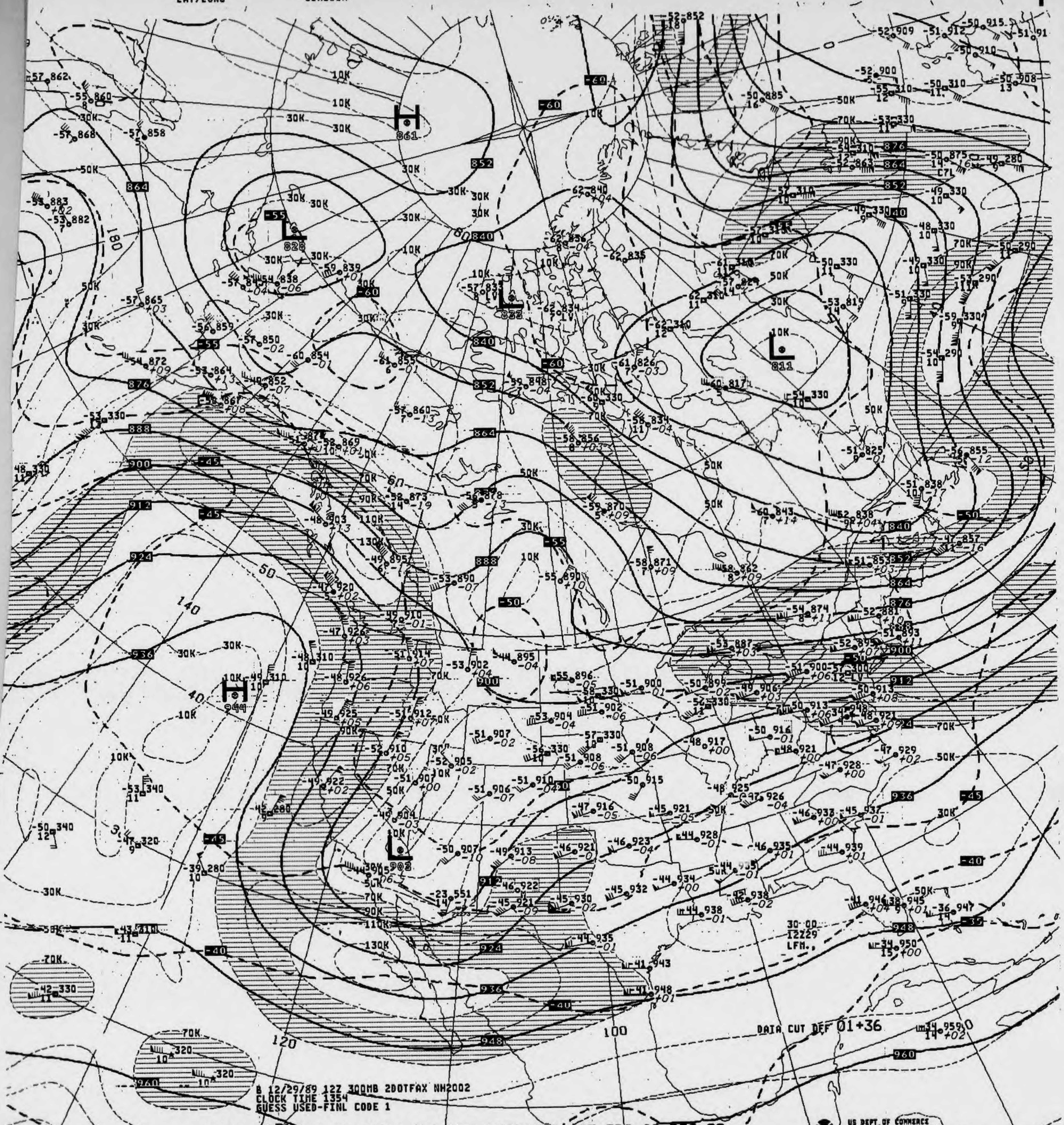
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

0MB

-45 910

ID 72273
LAT/LONG 31N110W


H
861
L
828
L
832
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811
H
944
L
903
180
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876
888
900
912
924
936
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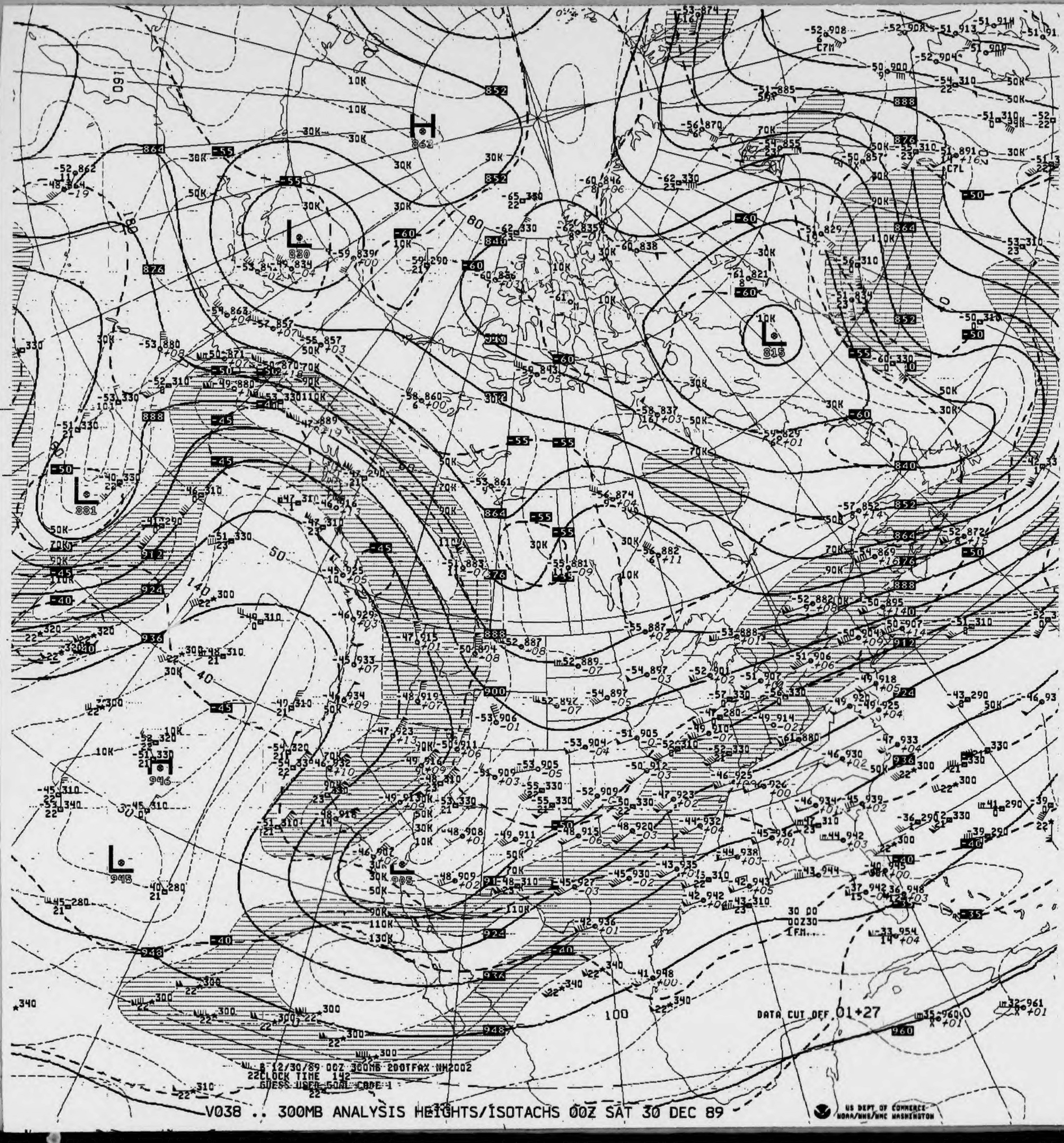
-45
-40
-35
10K
30K
50K
70K
90K
110K
130K

B 12/29/89 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1354
GUESS USED-FINL CODE 1

DATA CUT OFF 01+36

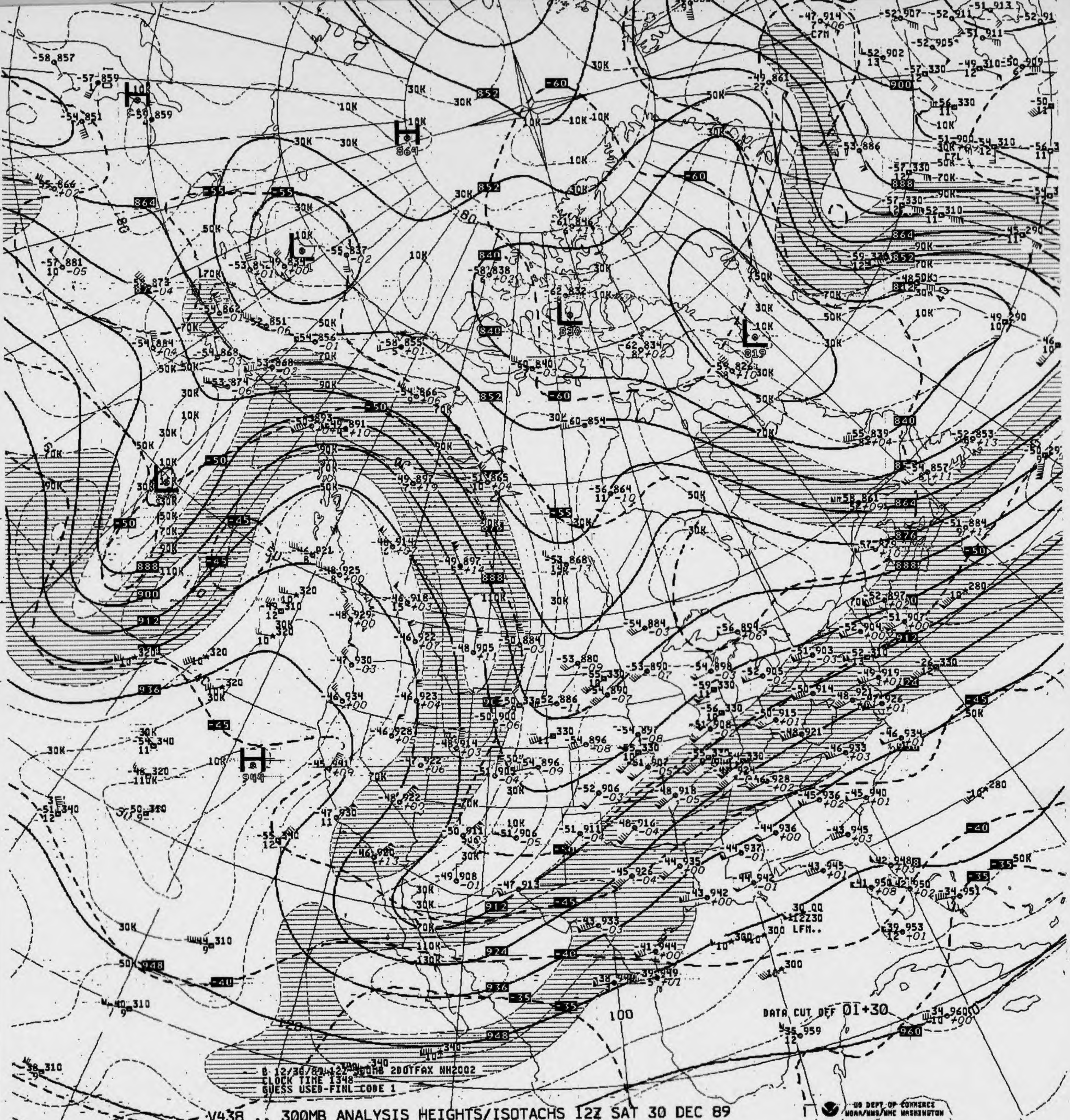
V438 ... 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



H
863
L
830
L
815
L
881
L
946
L
945
L
905
DATA CUT OFF 01+27
8 12/30/89 00Z 300MB 200TFAX NH2002
22CLOCK TIME 142
GUESS USED-SOAL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 30 DEC 89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1122 30
LFM..
H
864
H
944
L
830
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819
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840
864
876
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-45
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10K
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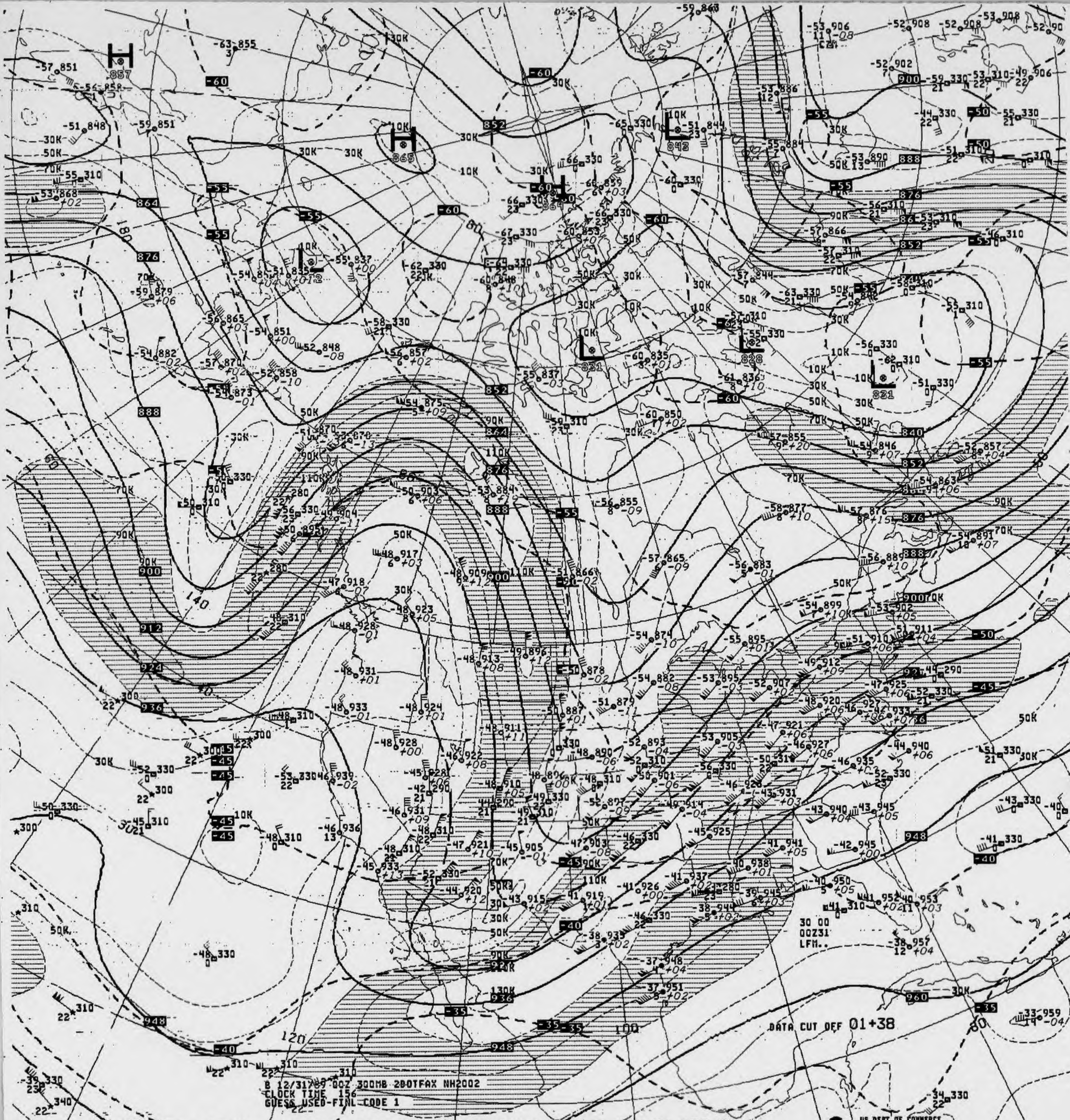
130K

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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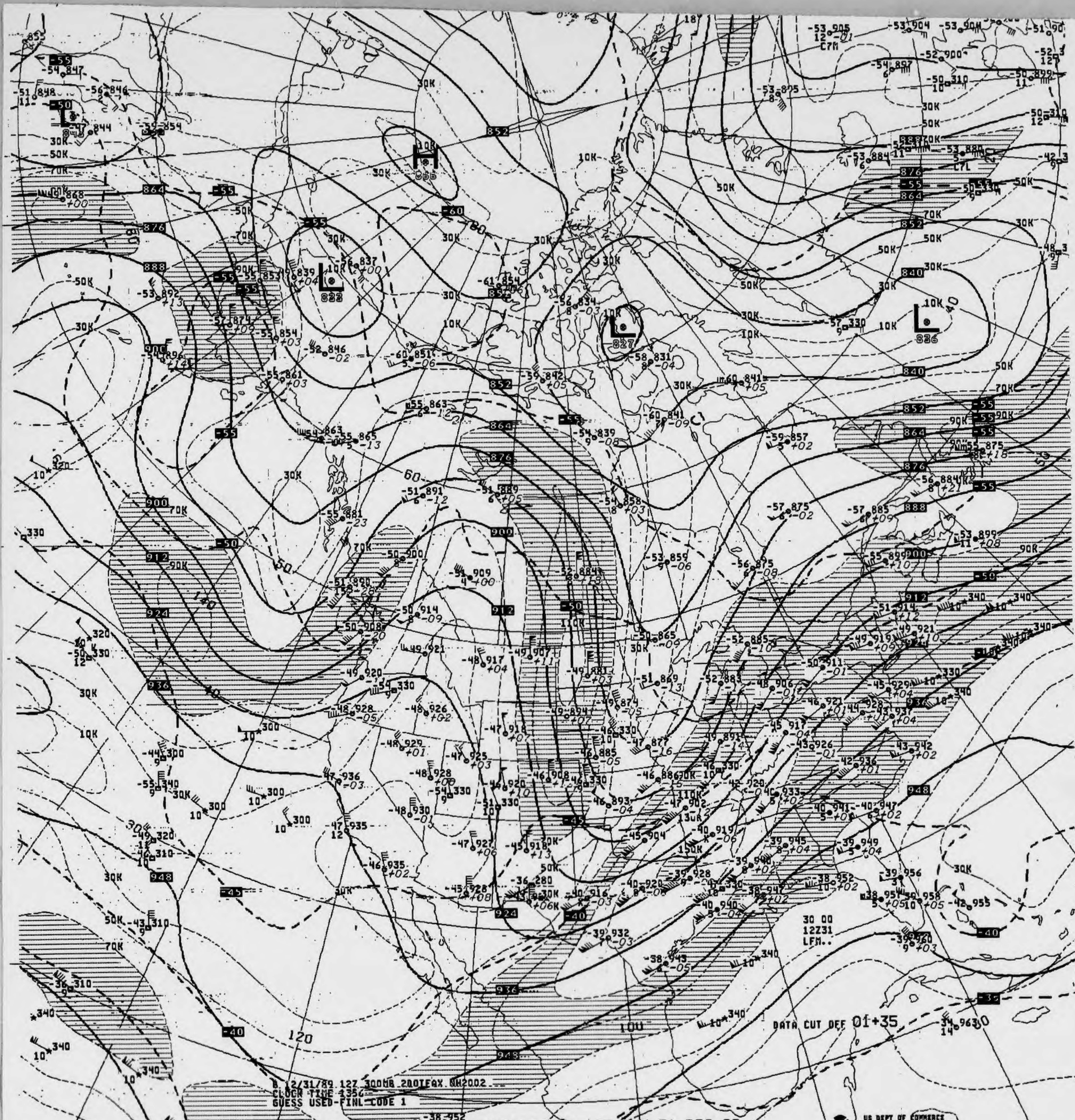
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 31 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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LFM..
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CLOCK TIME 4350
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 31 DEC 89

US DEPT OF COMMERCE
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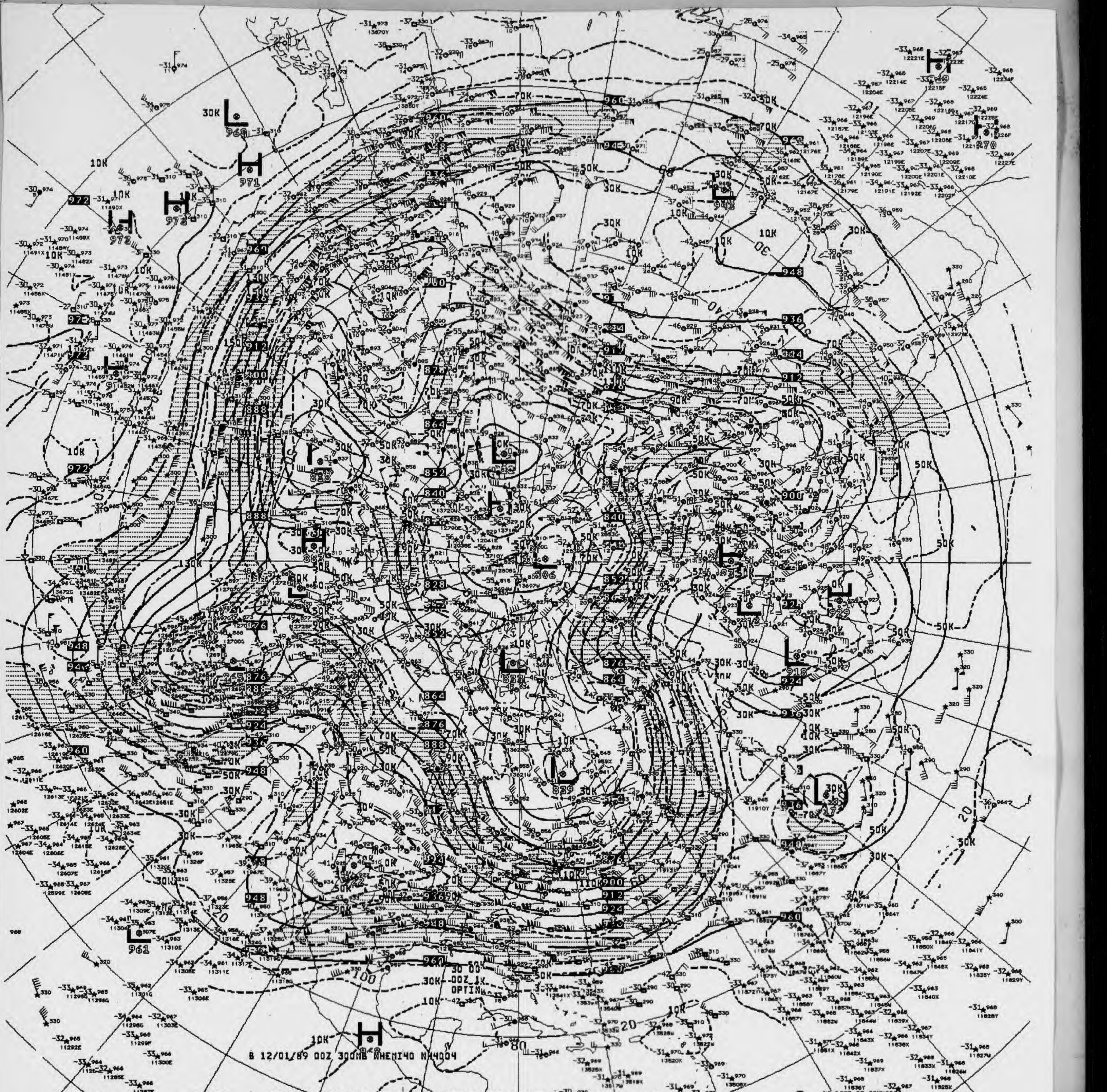
NOAA Form 48 - 363B
(Rev. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

300 MB CONSTANT PRESSURE CHARTS

NORTHERN HEMISPHERE NWP

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING


B 12/01/89 00Z 300MB NHEMI40 NH4004
30 00
00Z 1X
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L
10K
30K
50K
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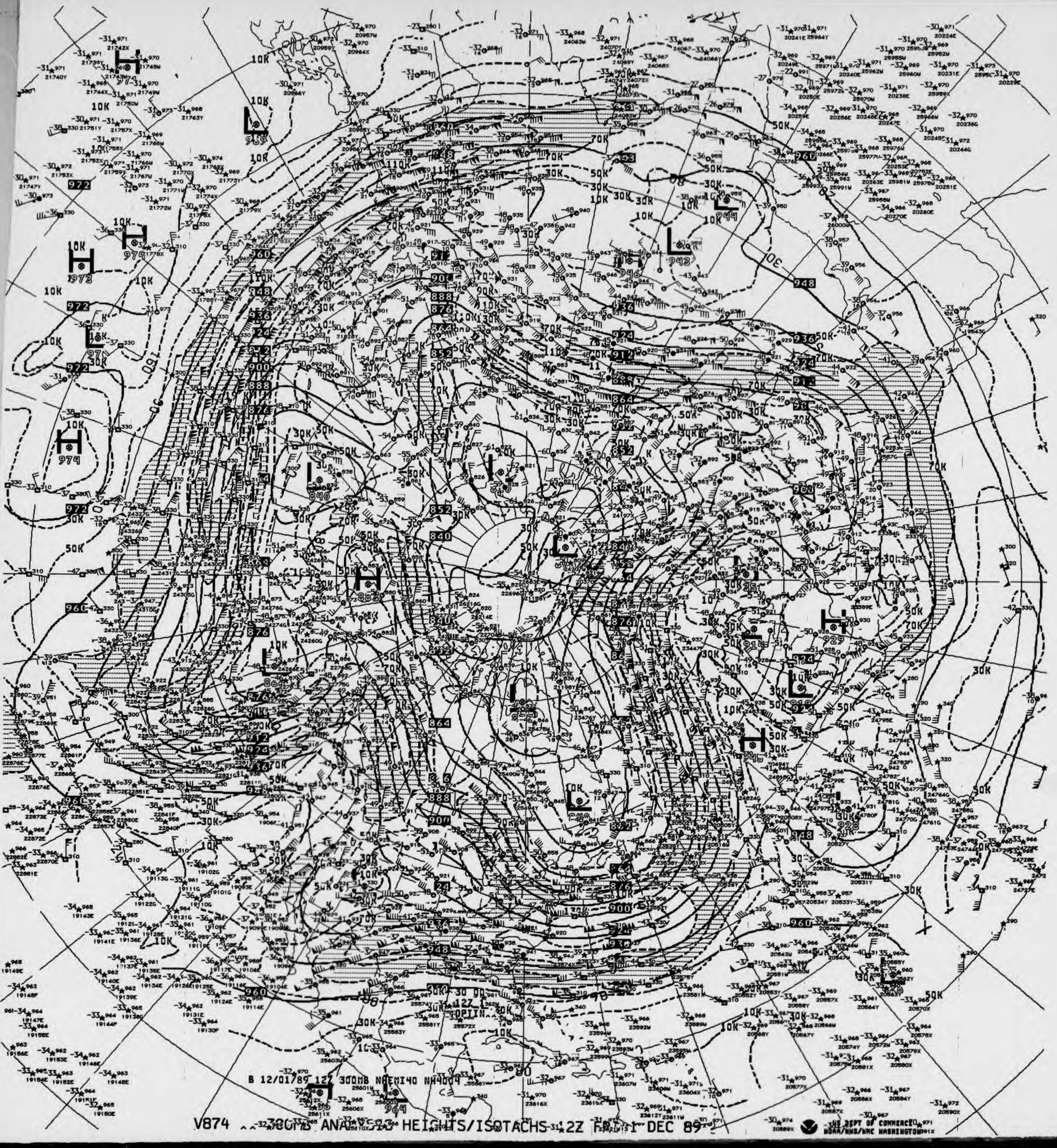
110K
130K
150K

V824 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 1 DEC 89

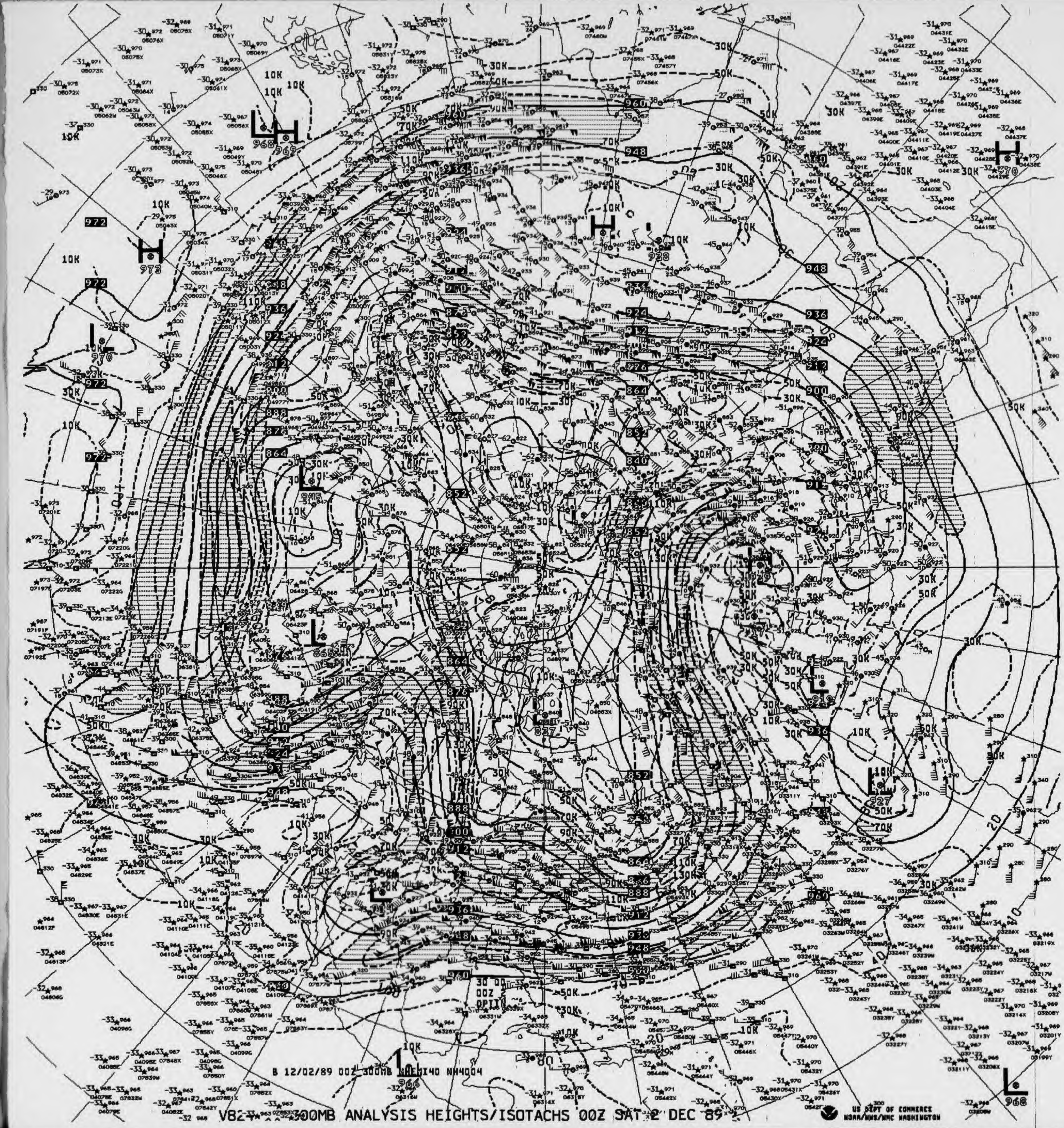
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



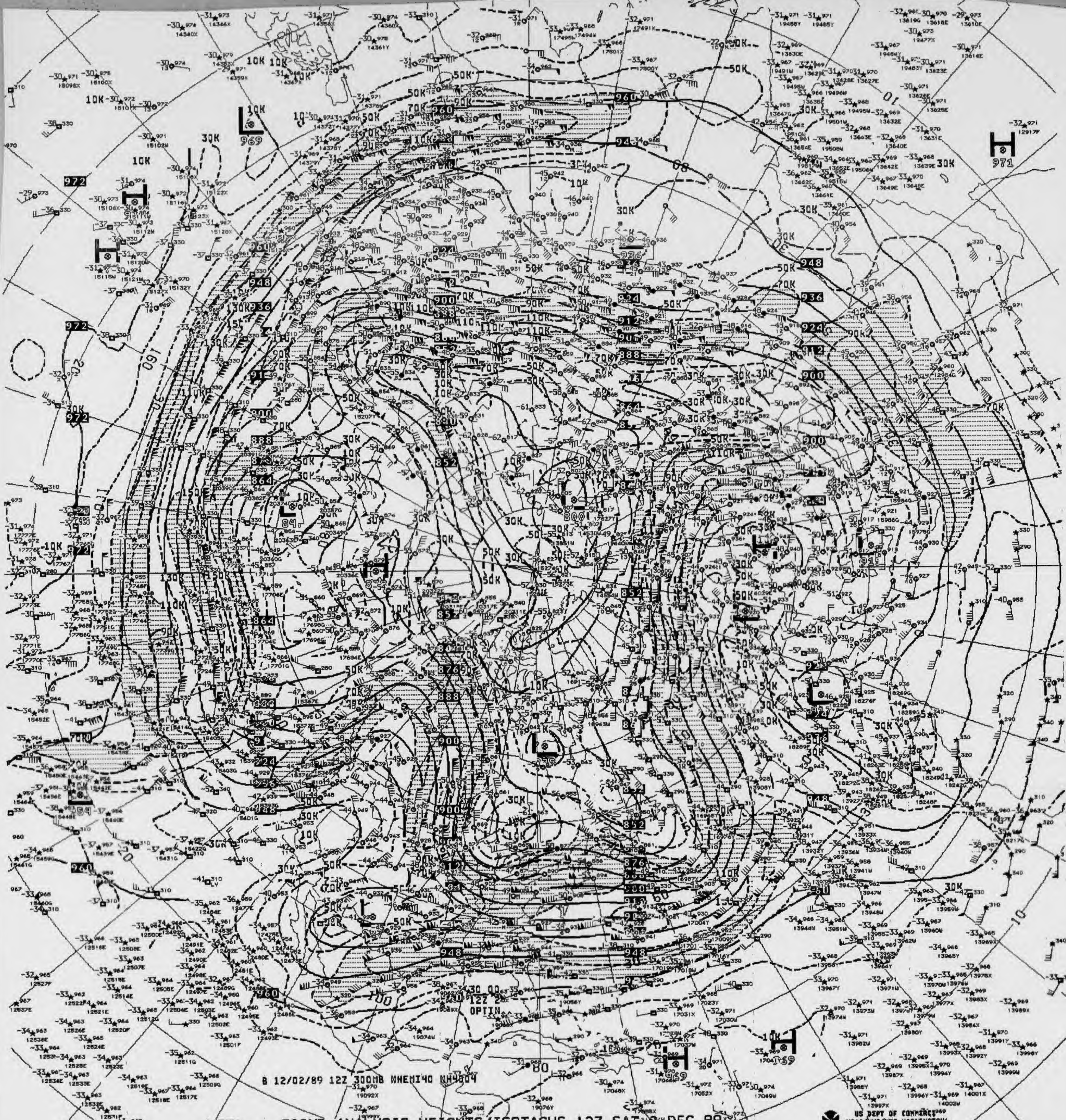
B 12/01/89 12Z 300MB NHEMI40 NH4004

V874 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 1 DEC 89

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON

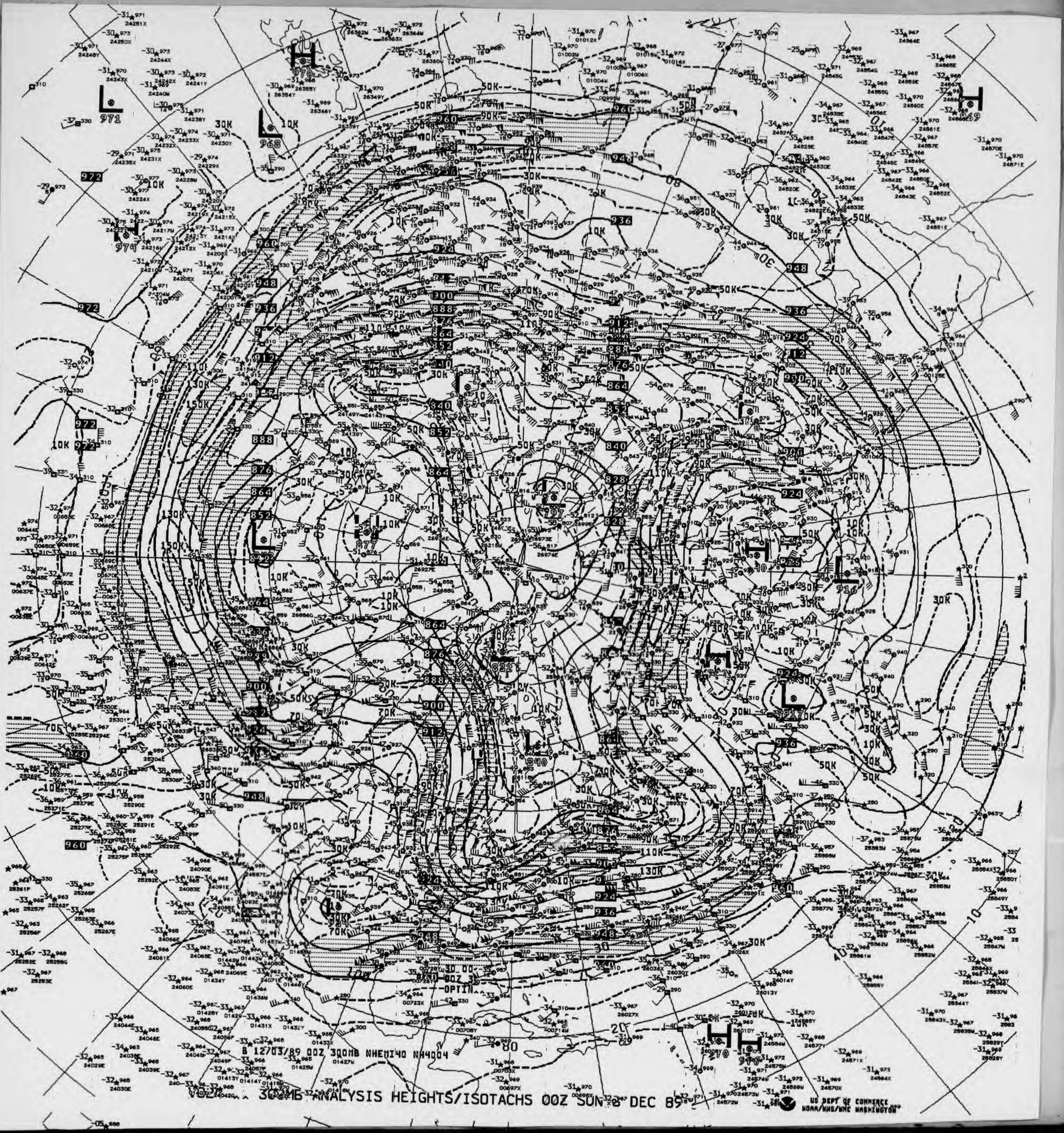

B 12/02/89 00Z 300MB NAEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 2 DEC 89



B 12/02/89 12Z 300MB NHEMI40 NH4804
12Z 2
OPTIN
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

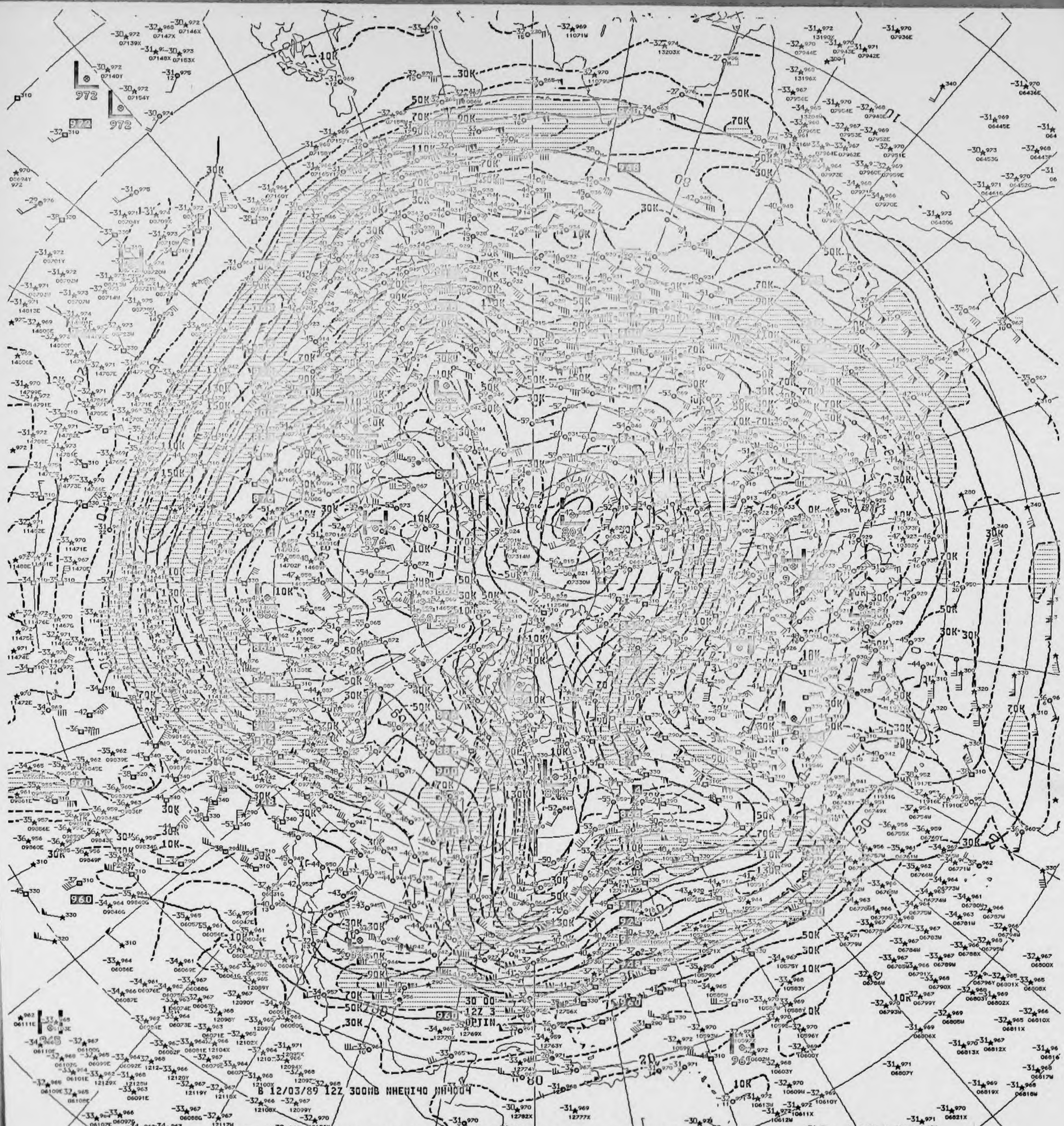
V874 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 2 DEC 89



B 12/03/89 00Z 300MB NHEMI40 NH4004

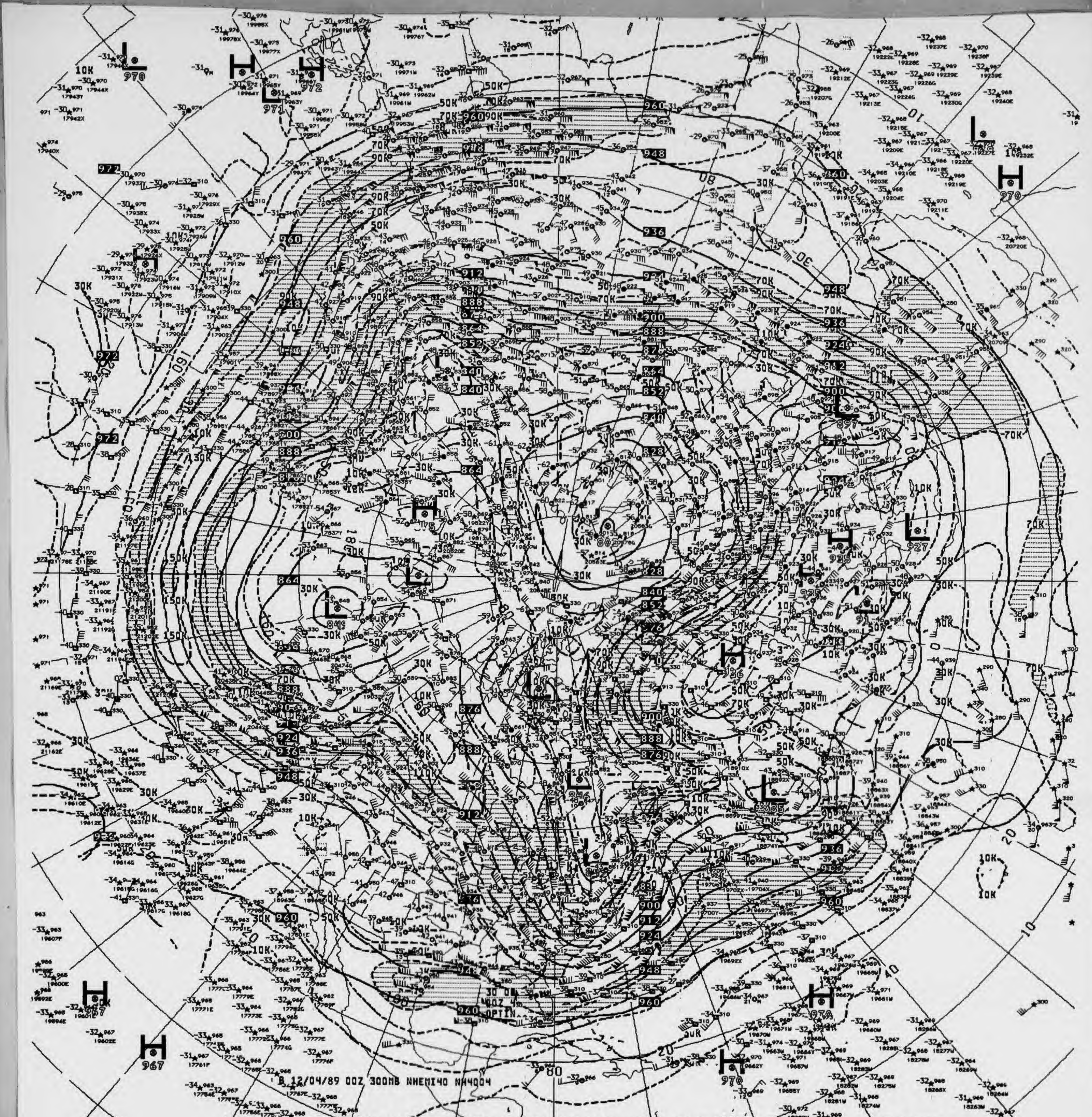
300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/03/89 12Z 300MB NHEMI40 NH4004

V874 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/04/89 00Z 300MB NHEMI40 NH4004
H
L
970
960
948
936
924
912
900
888
876
864
852
840
828
802
30K
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70K
90K
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130K
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10K
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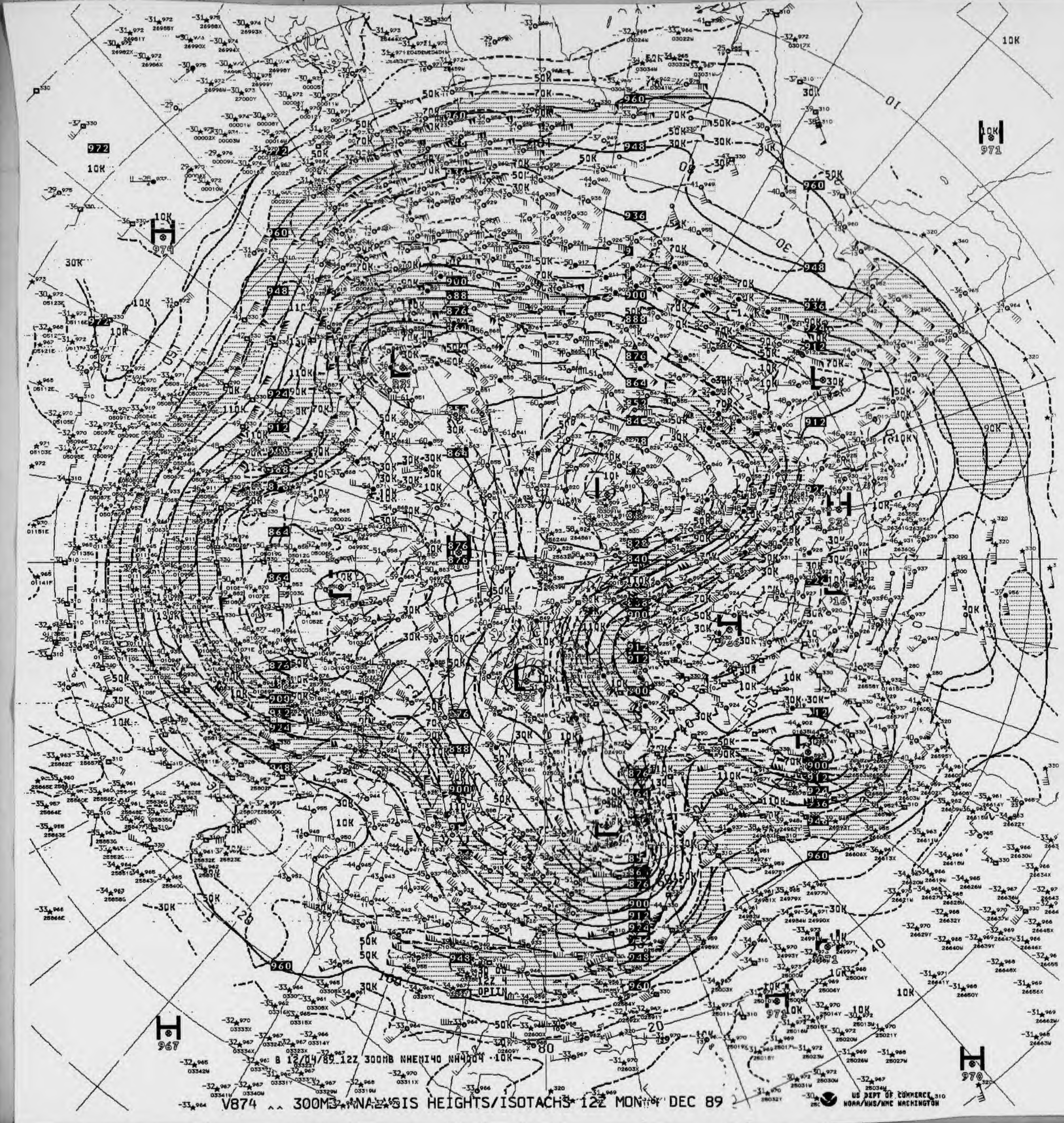
V824 ... 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 4 DEC 89

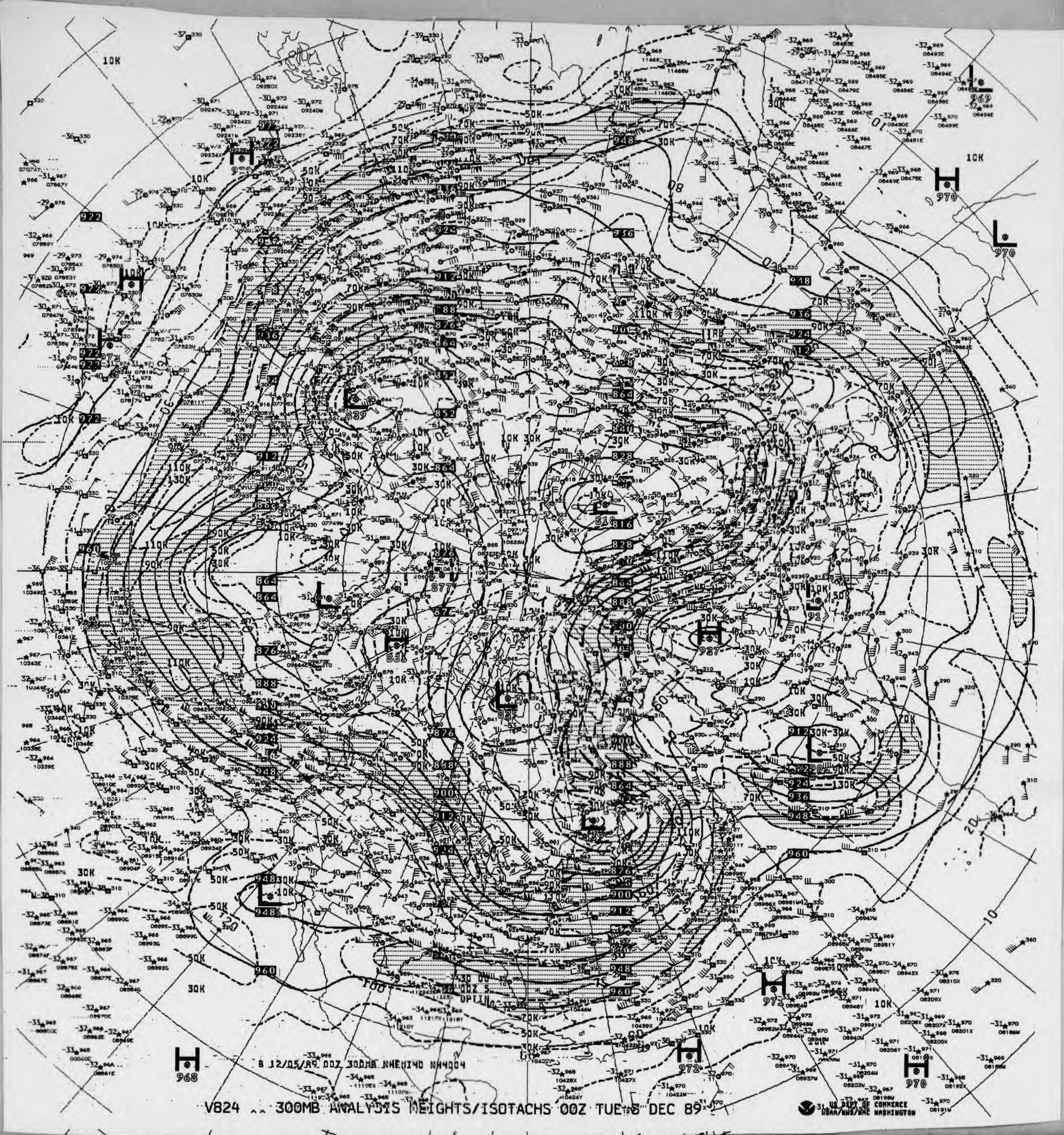
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



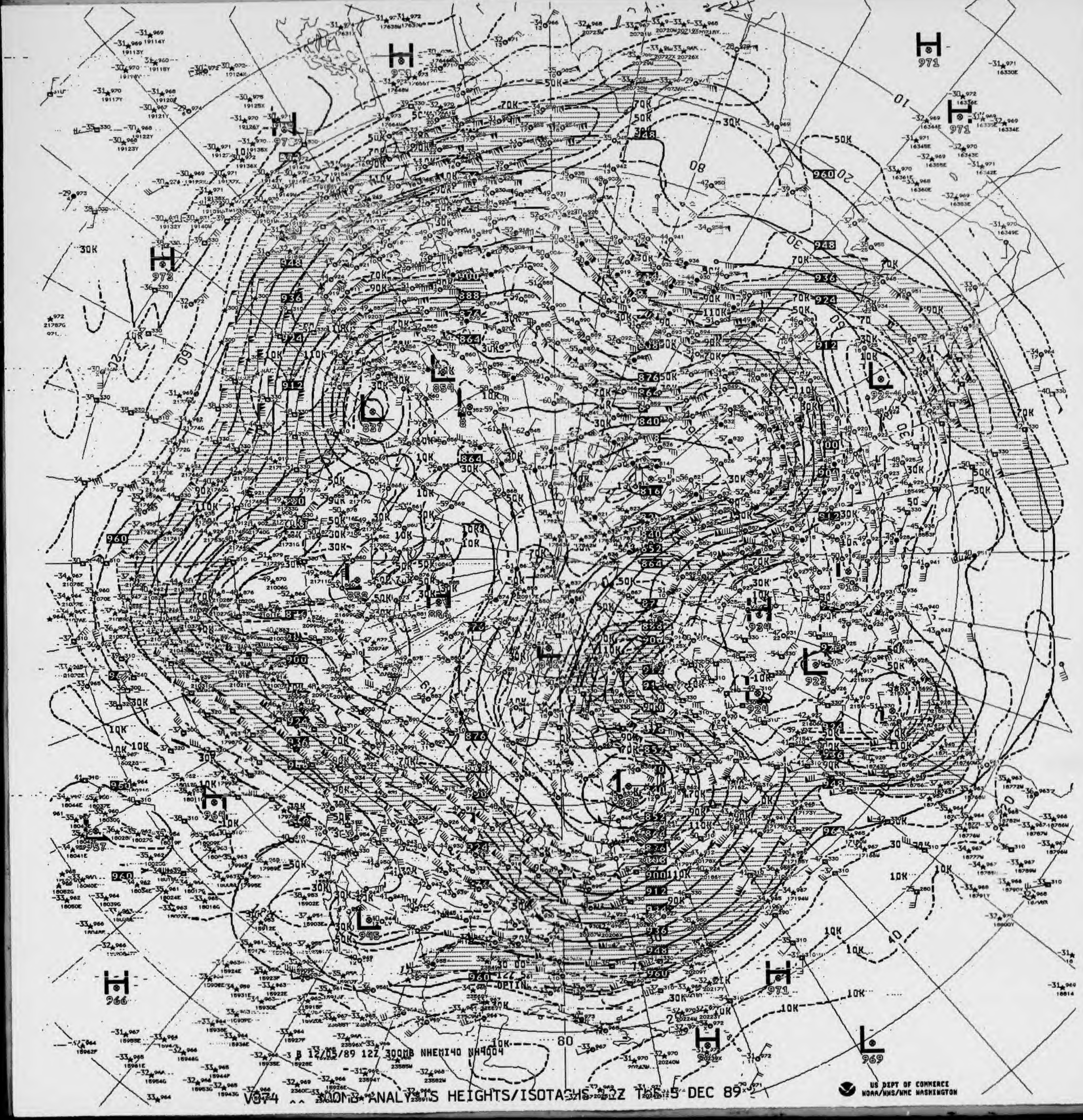
V874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 4 DEC 89

B 12/04/89 12Z 300MB NHEMI40 NH4004

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

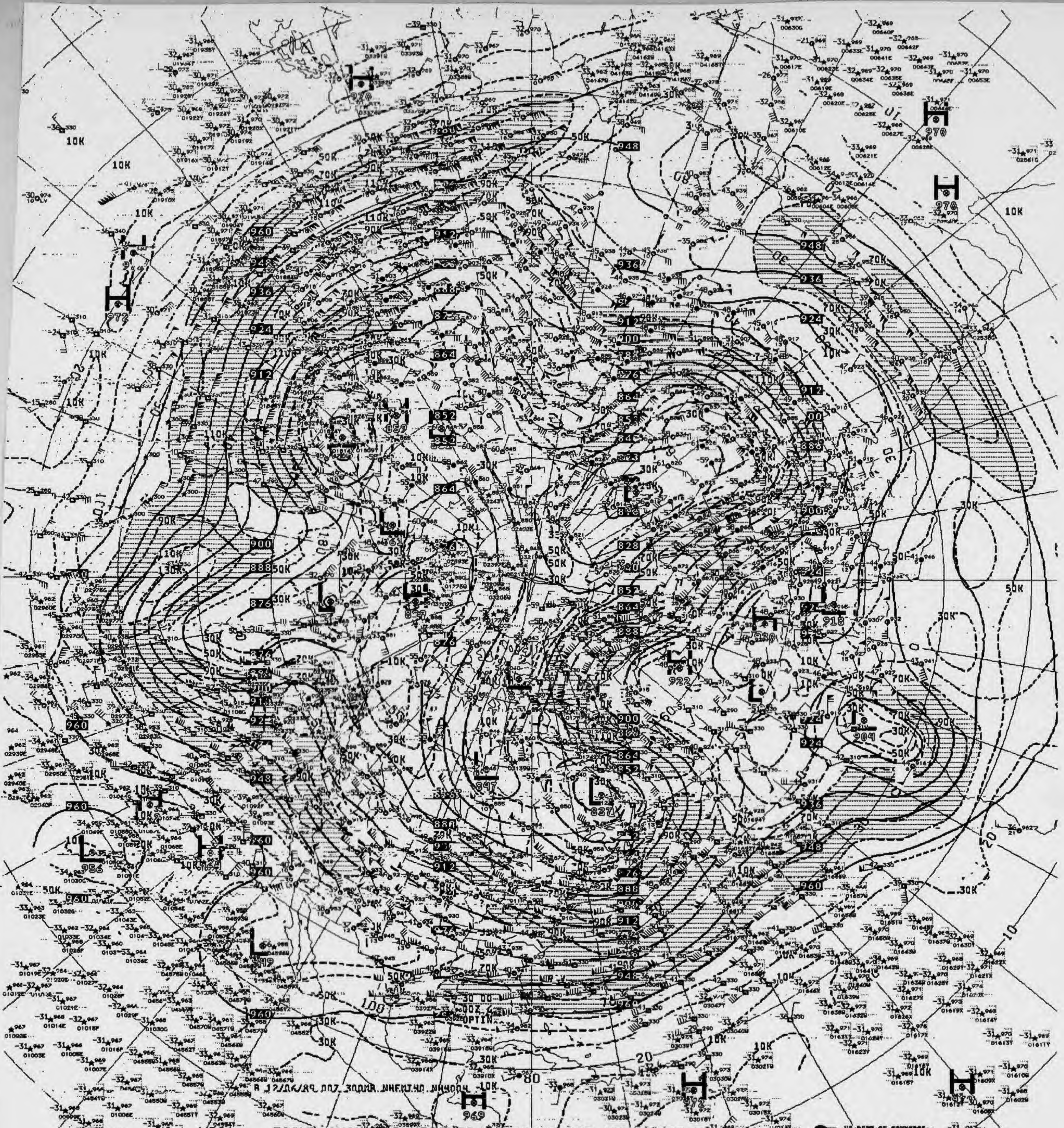

B 12/05/89 00Z 300MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V824 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 5 DEC 89


-3 B 12/05/89 12Z 300MB NHEMI40 NH4004
H 971
H 971
H 930
H 973
H 973
L 837
L 854
L 858
H 881
L 922
H 934
L 923
L 924
L 916
L 945
H 964
H 966
H 971
H 971
L 969
10K
30K
50K
70K
90K
110K
60
80
OPTIN

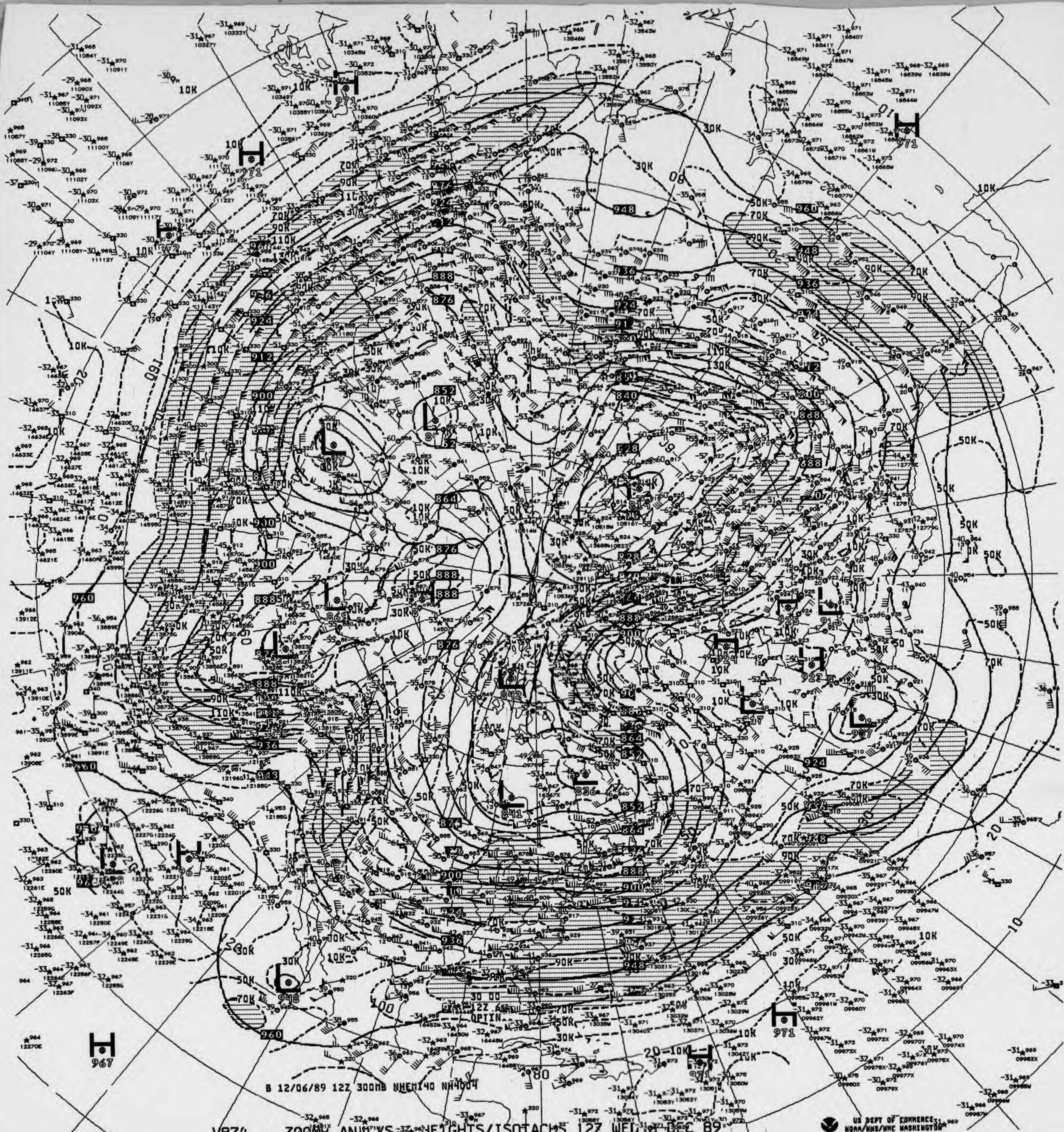
V374 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

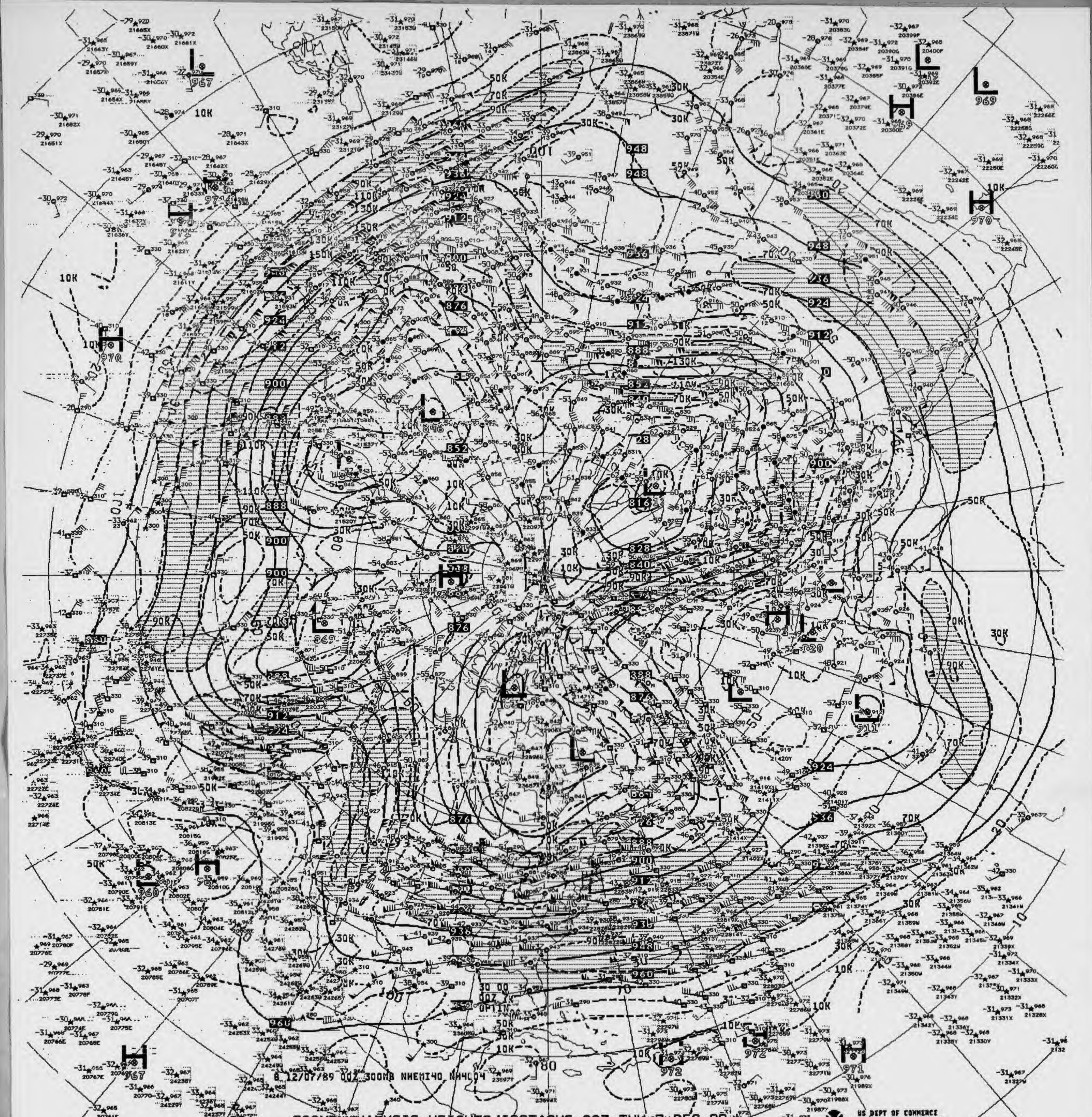

B 12/06/89 00Z 300MB NHEM140 NH4004

V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 6 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/06/89 12Z 300MB NHEMI40 NH4004
H
L
971
967
948
960
936
924
912
900
888
876
864
852
840
10K
30K
50K
70K
90K
110K
130K
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V874 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 6 DEC 89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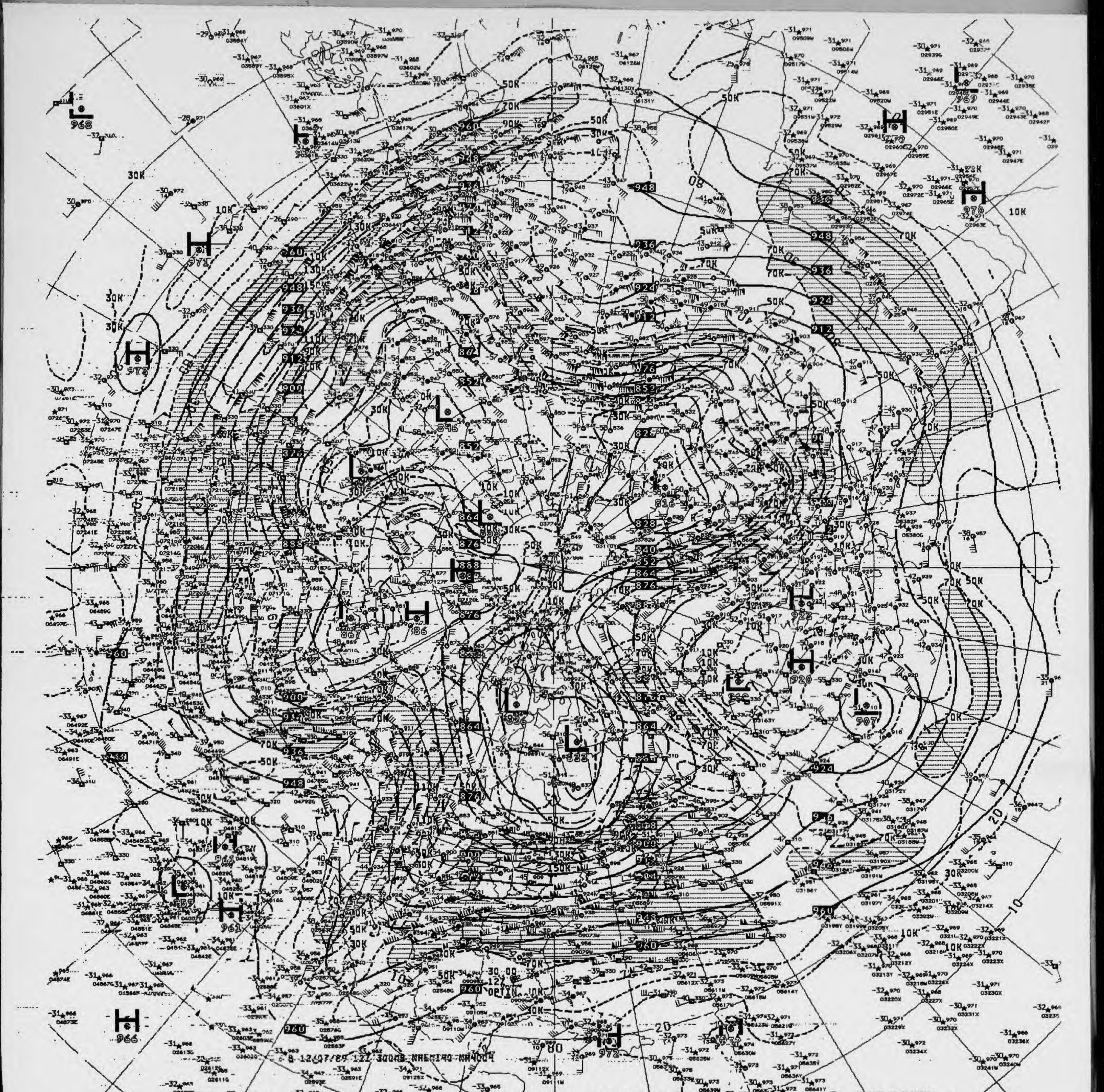
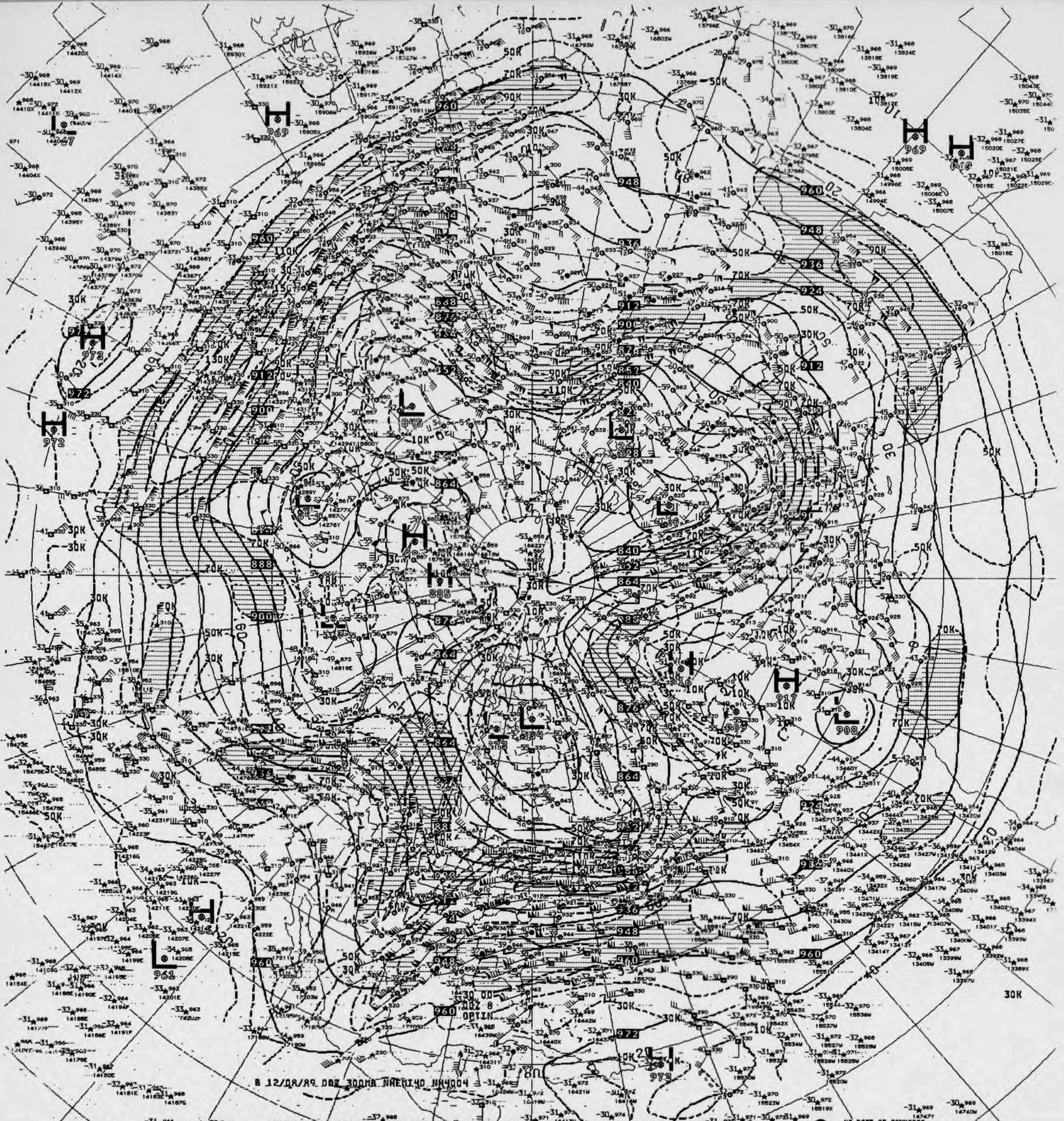
V821 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 7 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


8 12/07/89 12Z 300MB NHEMI40 NWA004

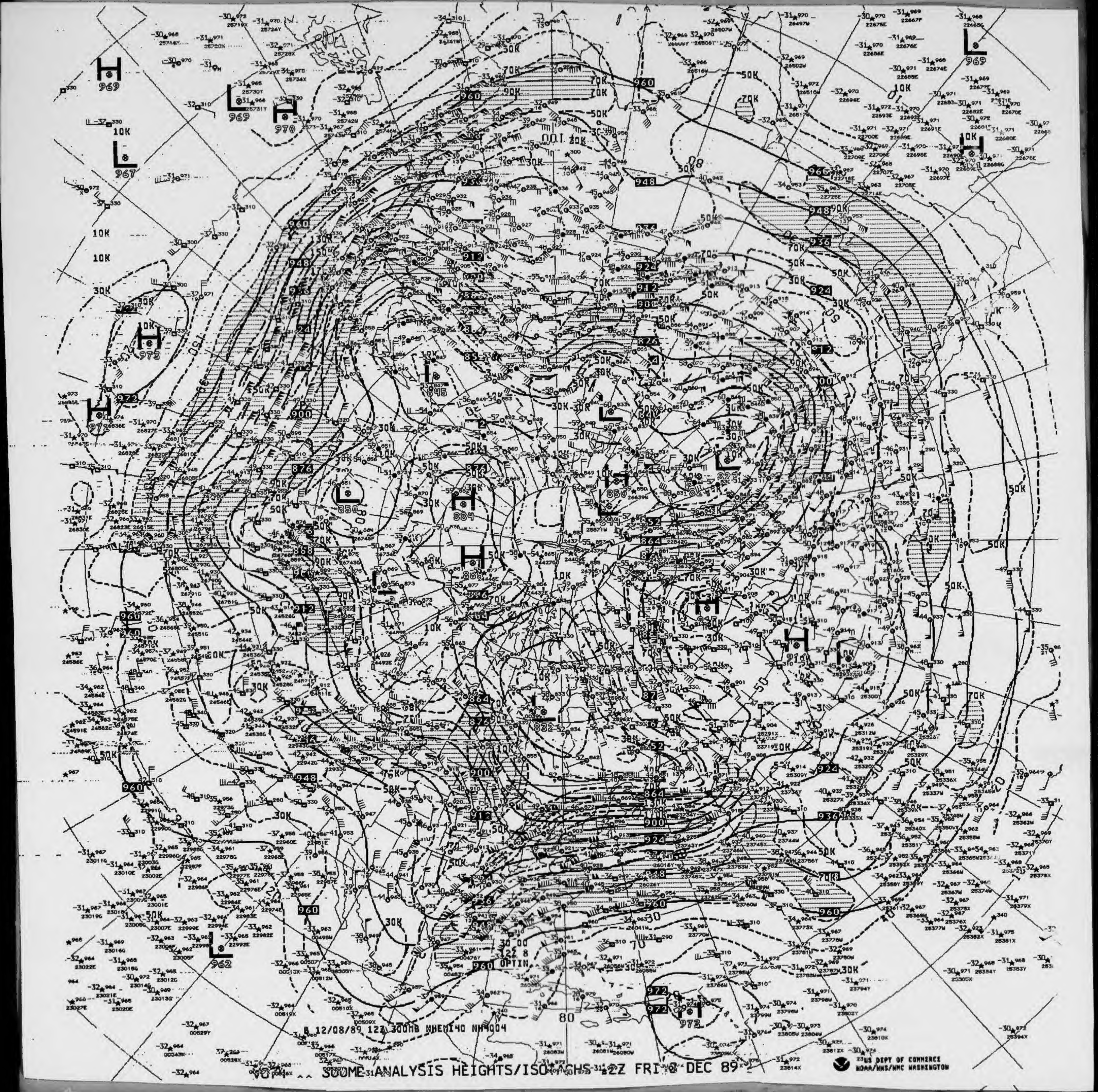
834 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 7 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/08/89 00Z 300MB NHEMI40 NH4004
OPTIN
H
L
960
948
936
924
912
900
888
876
864
852
840
30K
50K
70K
90K
110K
130K

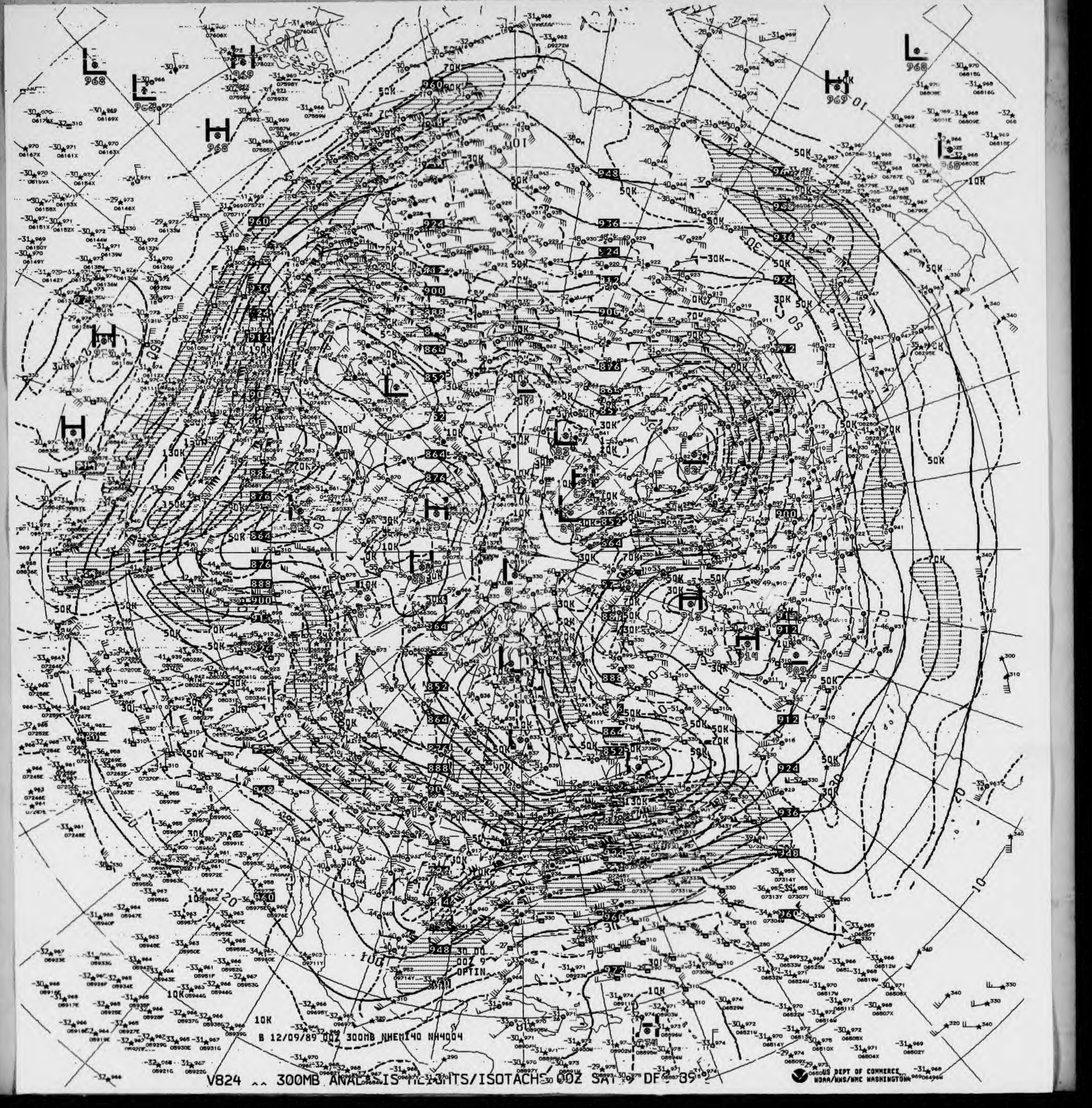
V824 ... 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/08/89 12Z 300MB NHEMI40 NH4004
80
OPTIN

300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 8 DEC 89

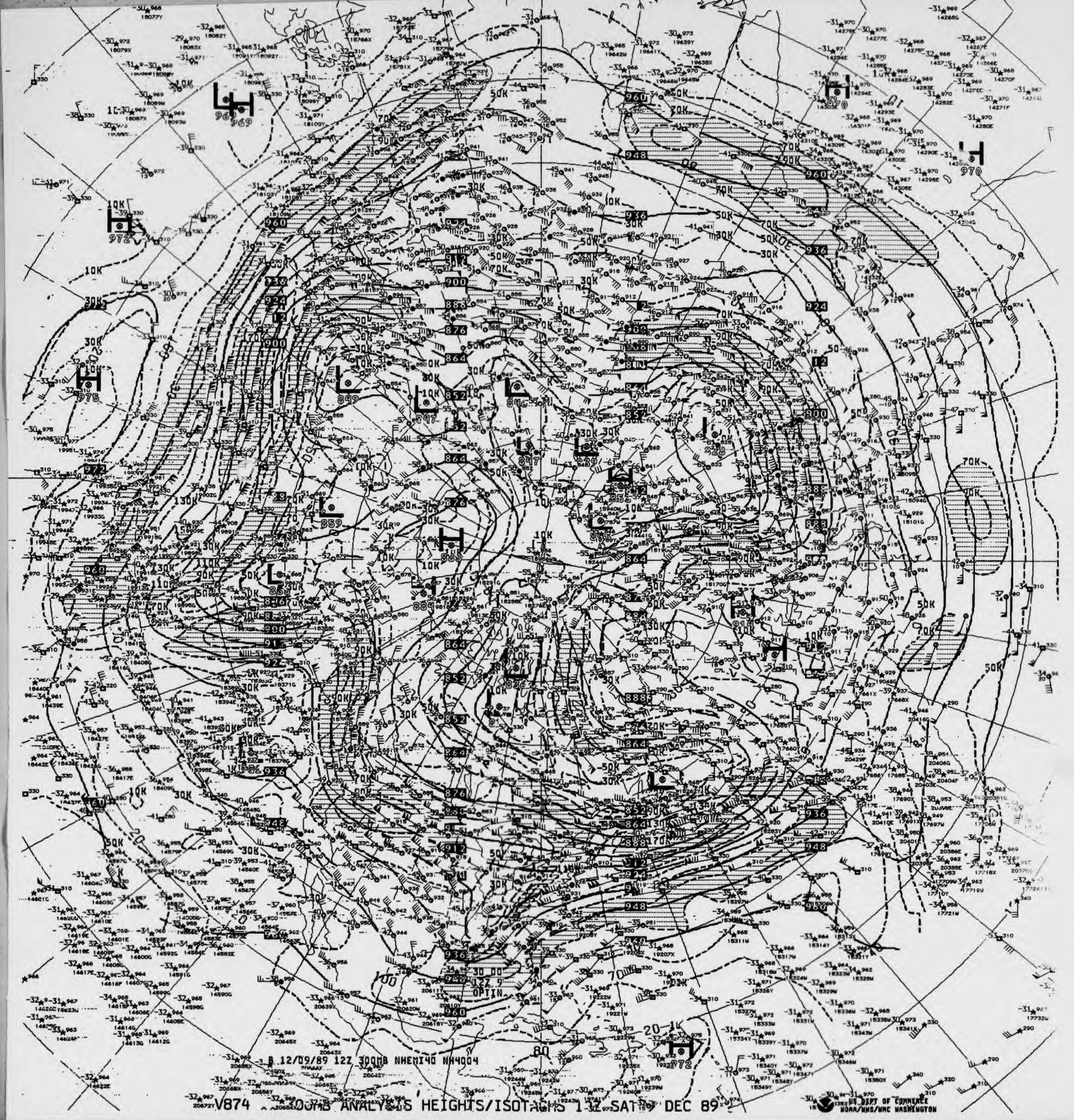
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

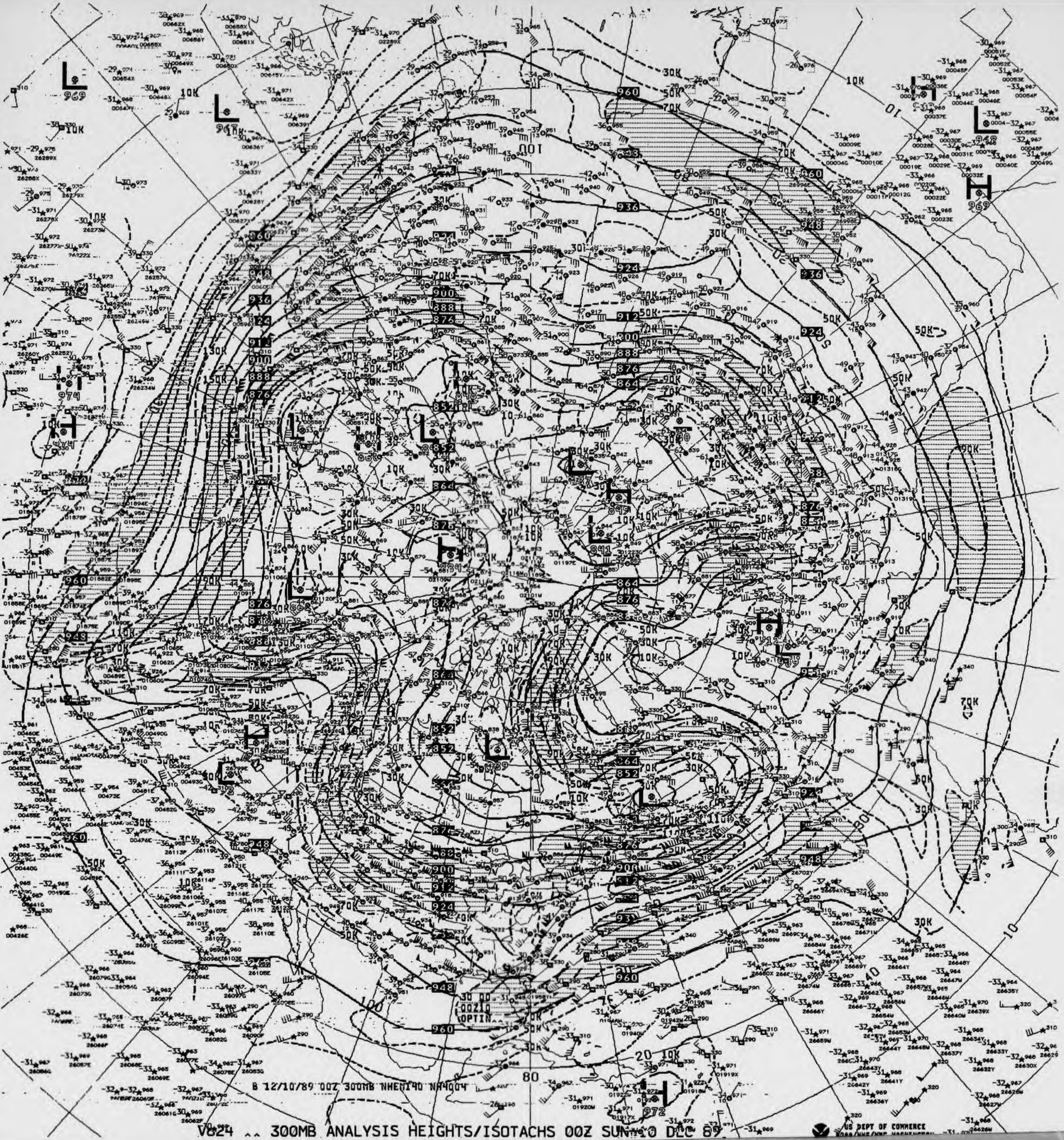


B 12/09/89 00Z 300MB NHEMI40 NH4004

V824 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 9 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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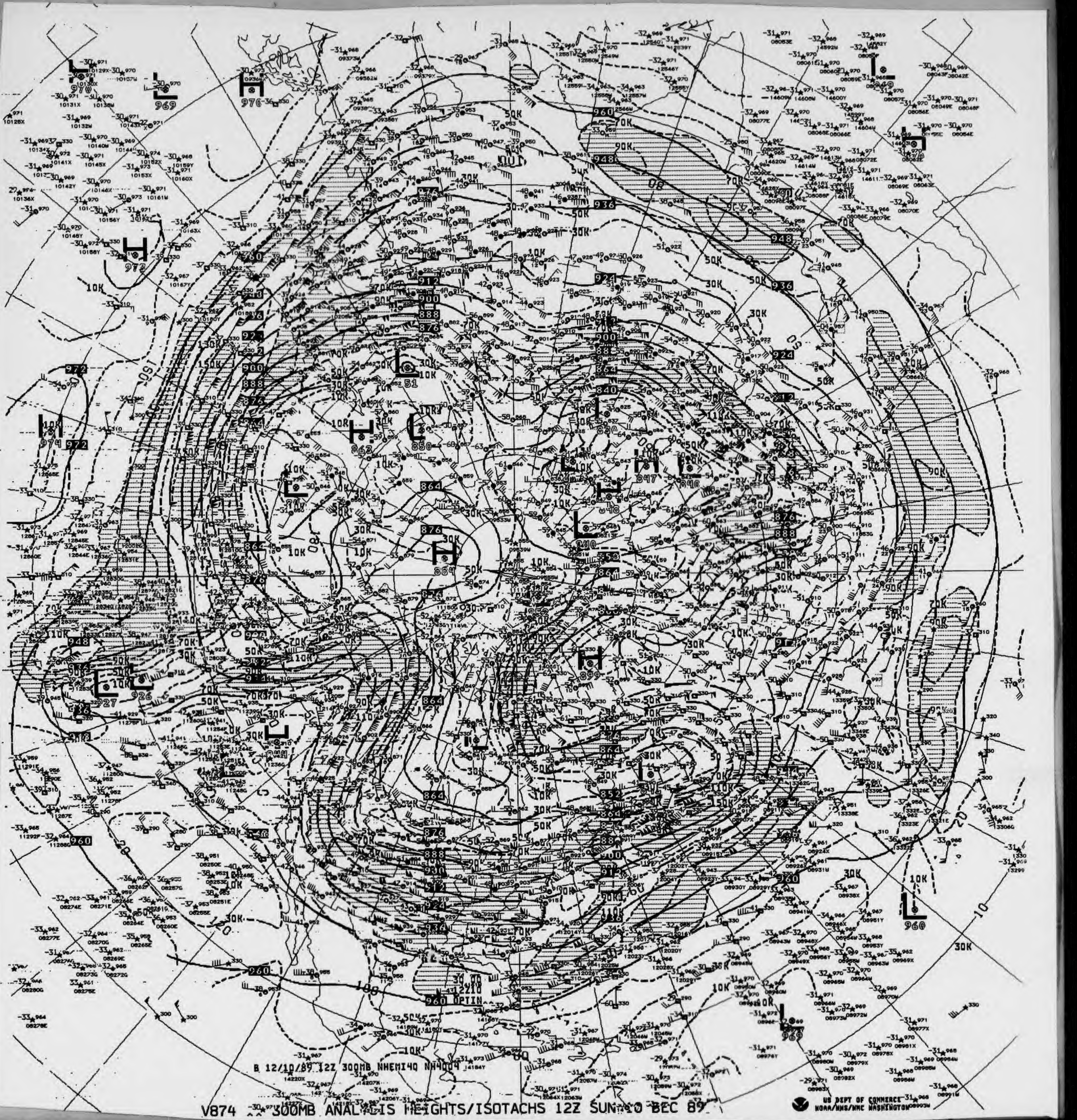
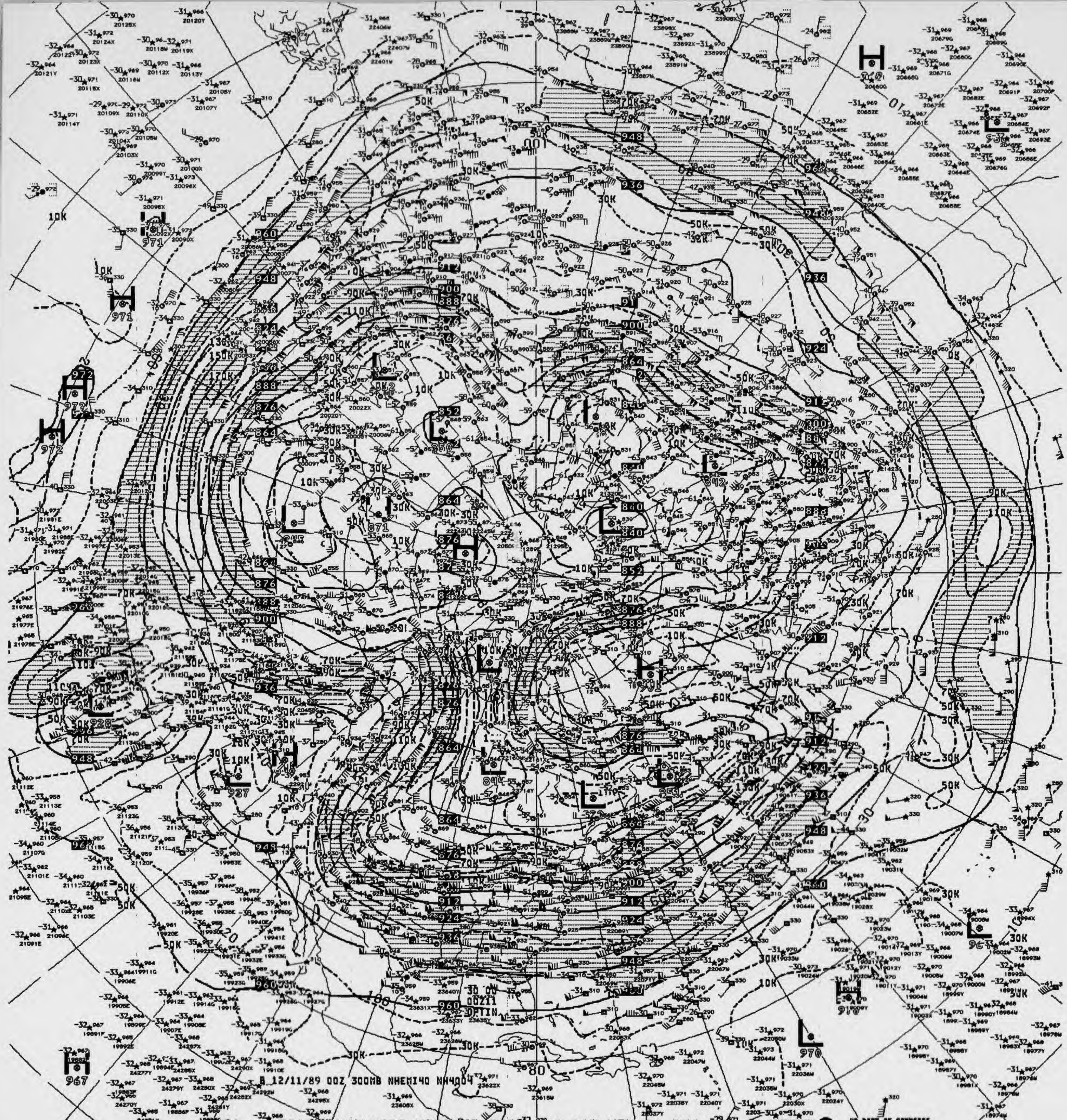
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V824 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 10 DEC 89



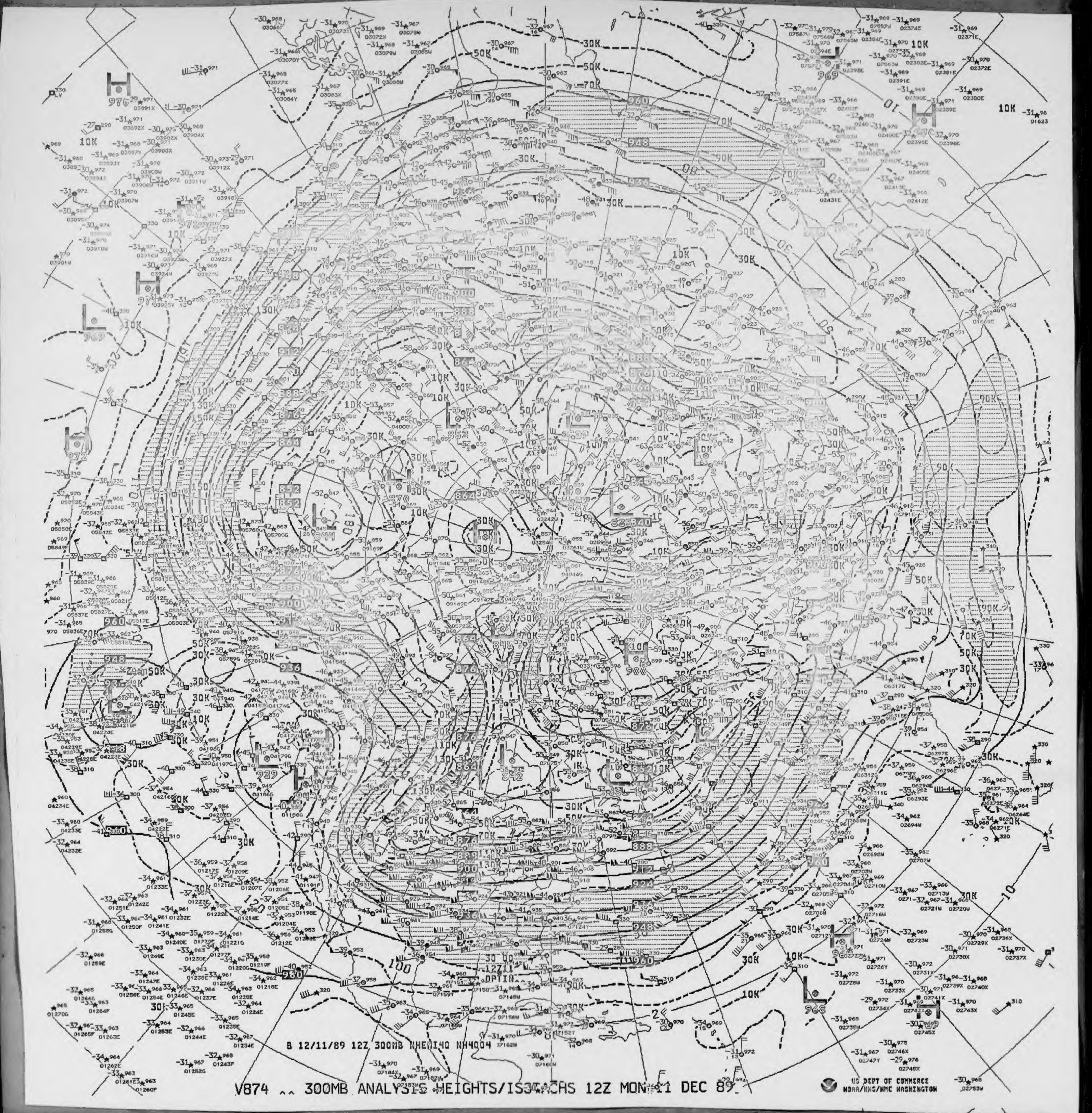
B 12/10/89 12Z 300MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V874 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 10 DEC 89


B 12/11/89 00Z 300MB NHEMI40 NH4004

VG24 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 11 DEC 89

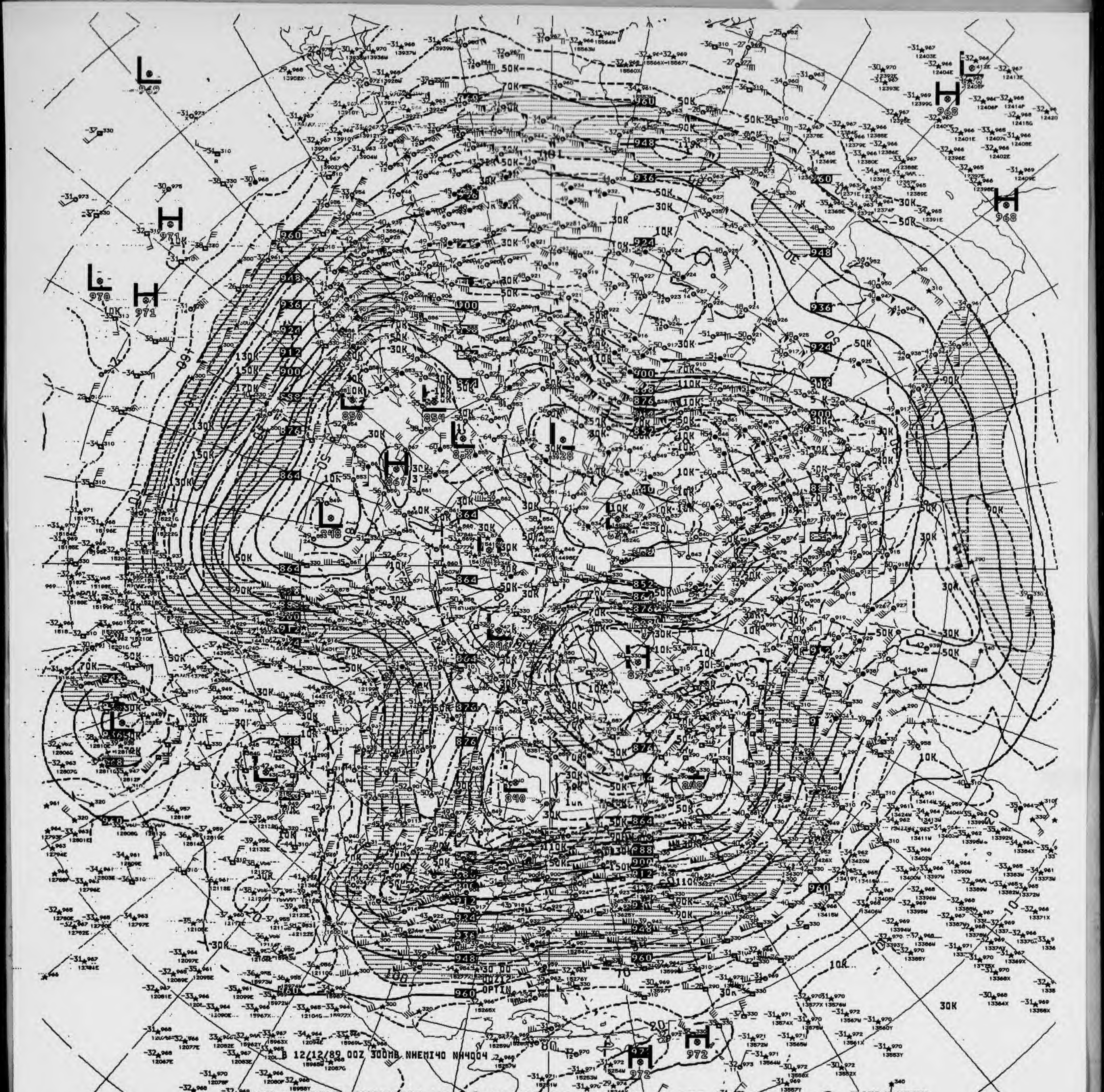
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/11/89 12Z 300MB NHEMI40 NH4004

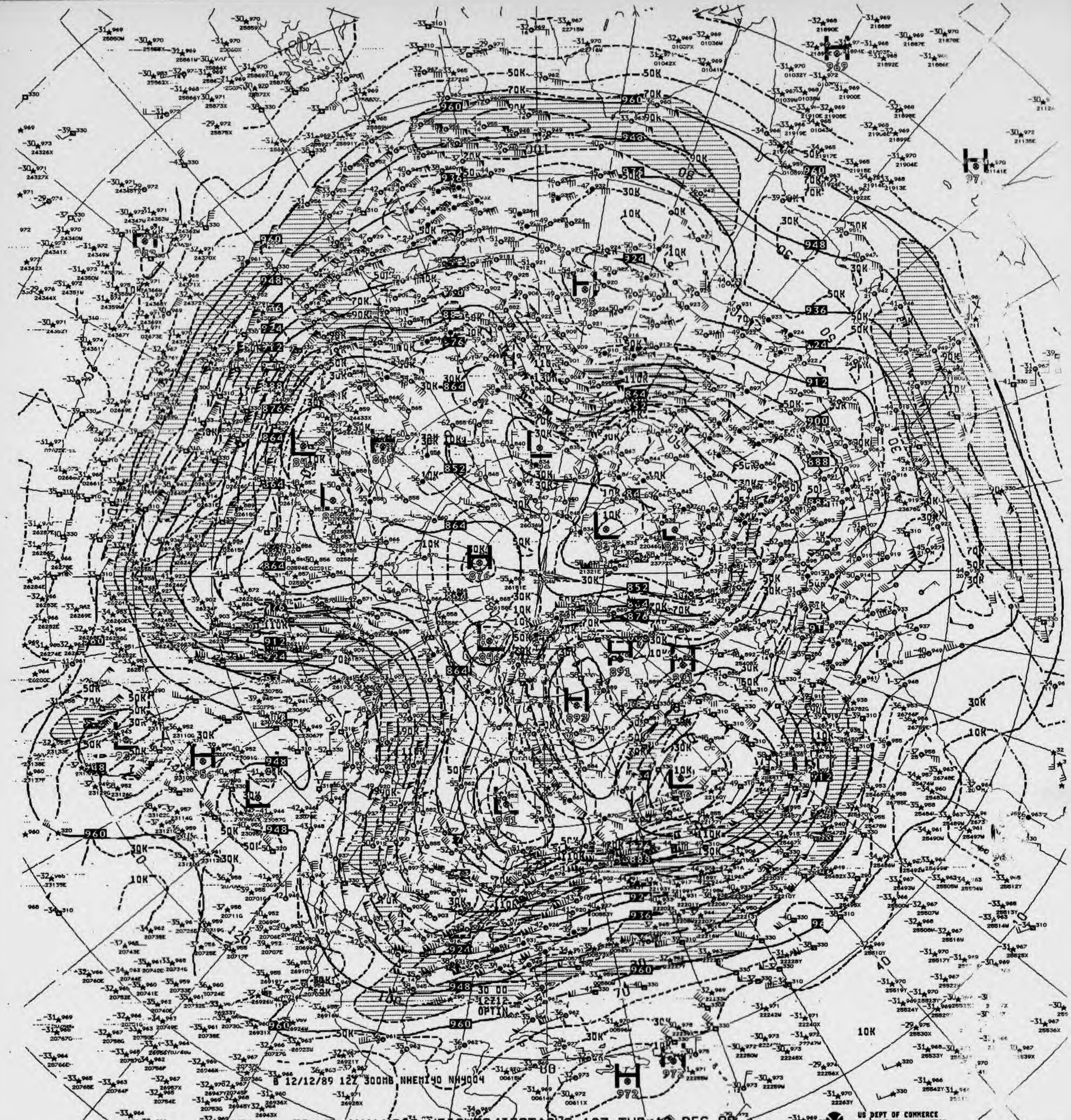
V874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/12/89 00Z 300MB NHEMI40 NH4004

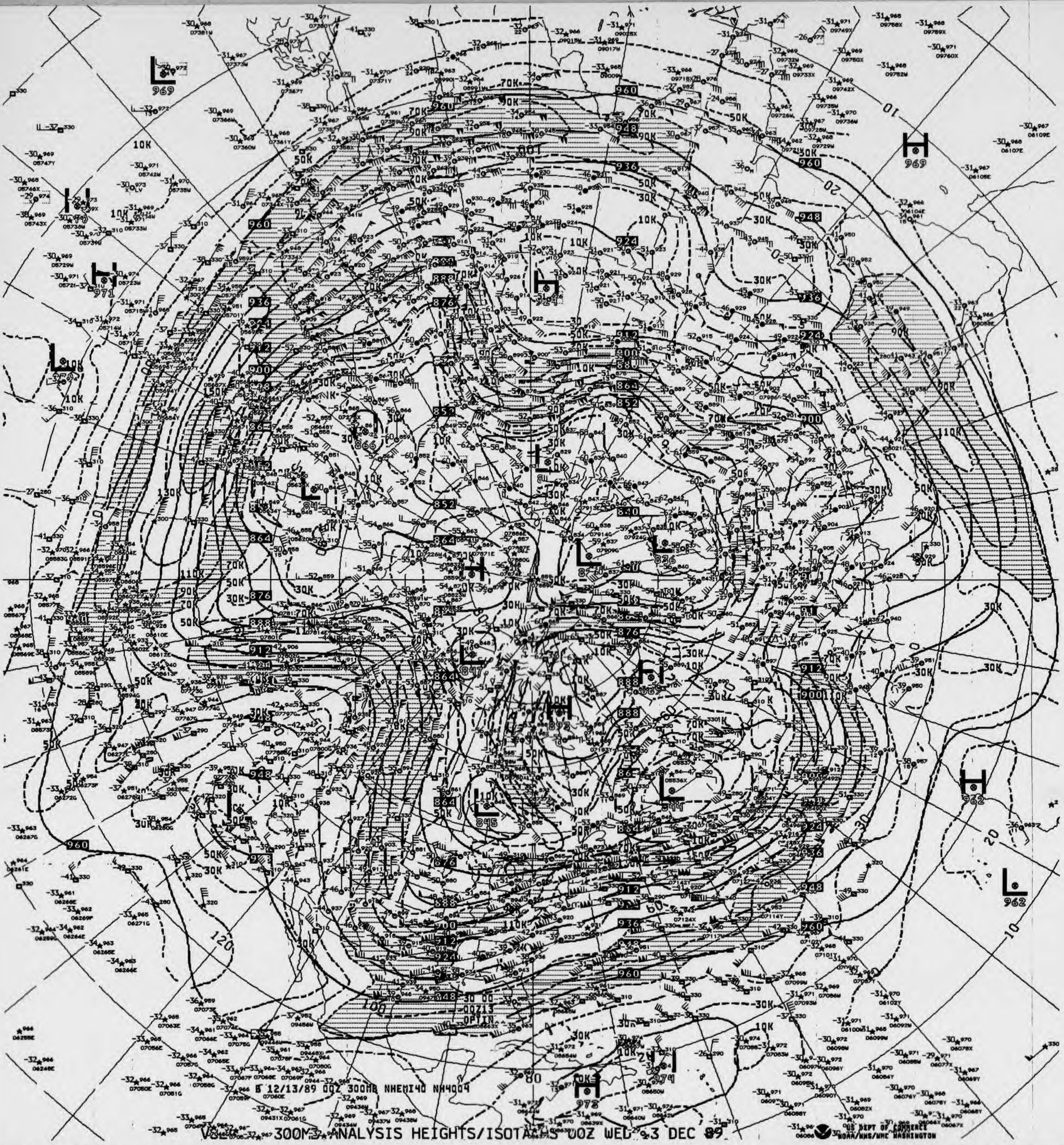
1824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 12 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

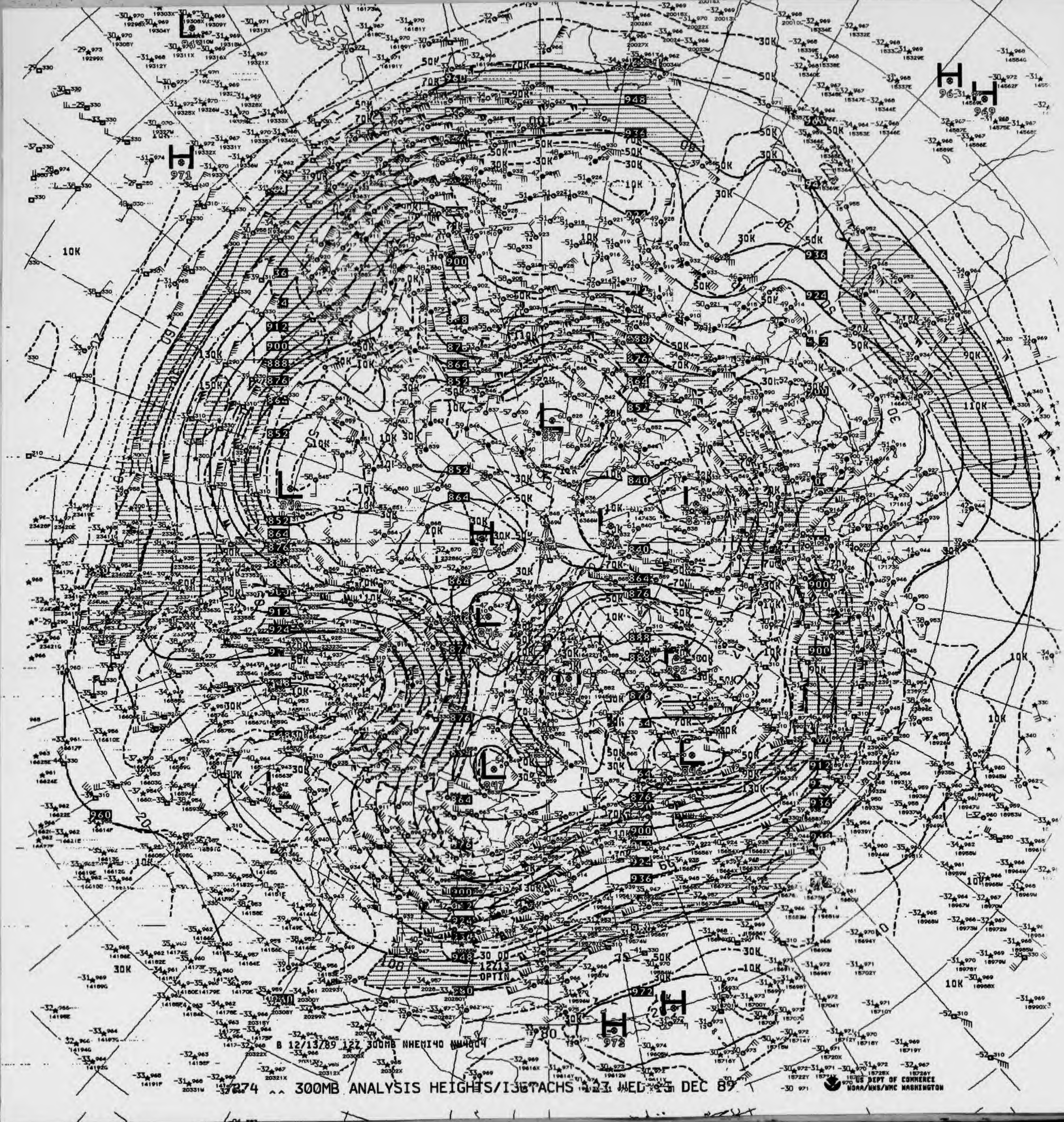

B 12/12/89 12Z 300MB NHEMI40 NH4004
30 00
12Z12
OPTIN

7874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 12 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

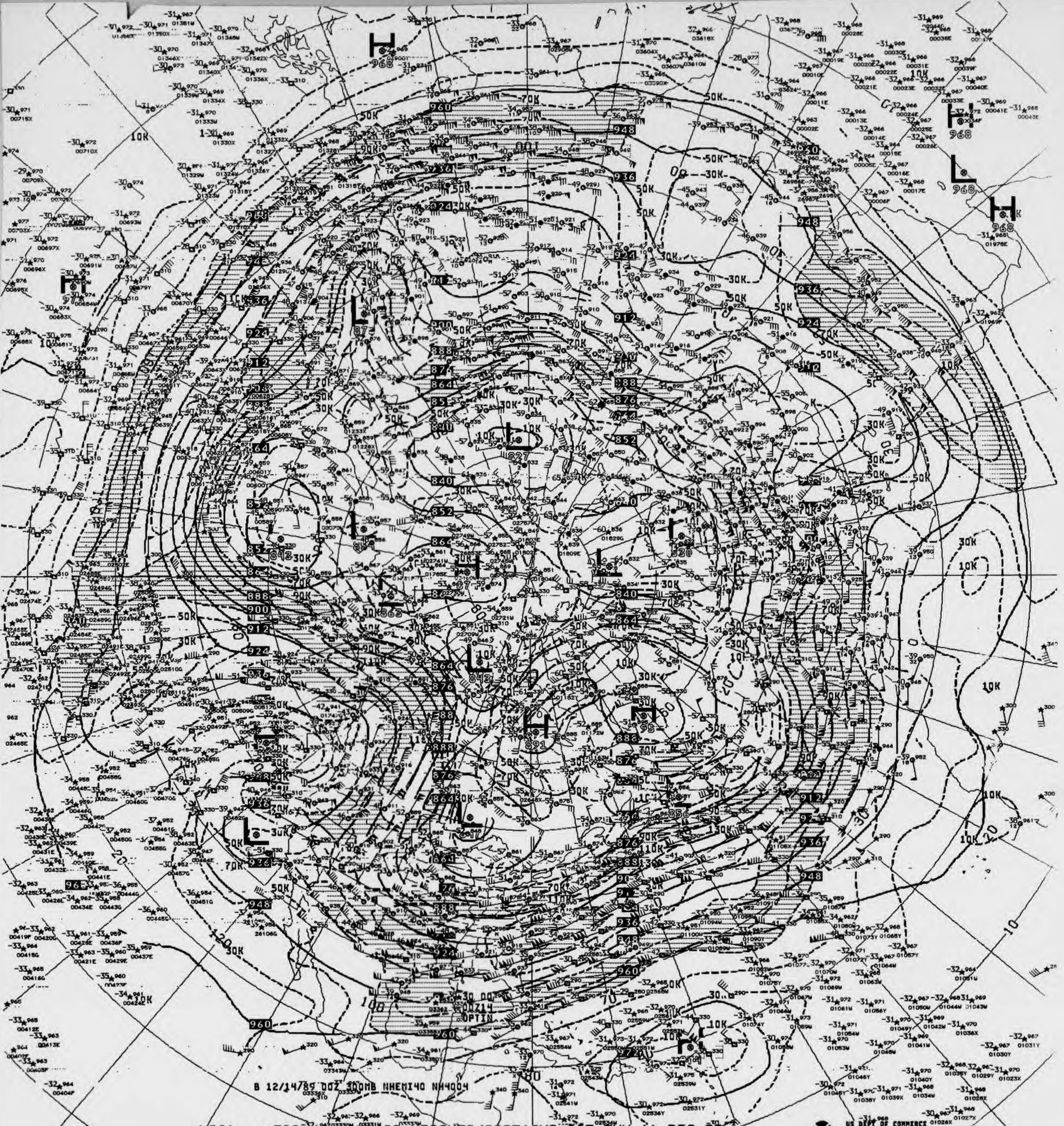

B 12/13/89 00Z 300MB NHEMI40 NH4004
OPTIN
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V02 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 13 DEC 89


B 12/13/89 12Z 300MB NHEMI40 NW4004
12Z13
OPTIN
971
969
827
890
872
846
847
846
892
972
973

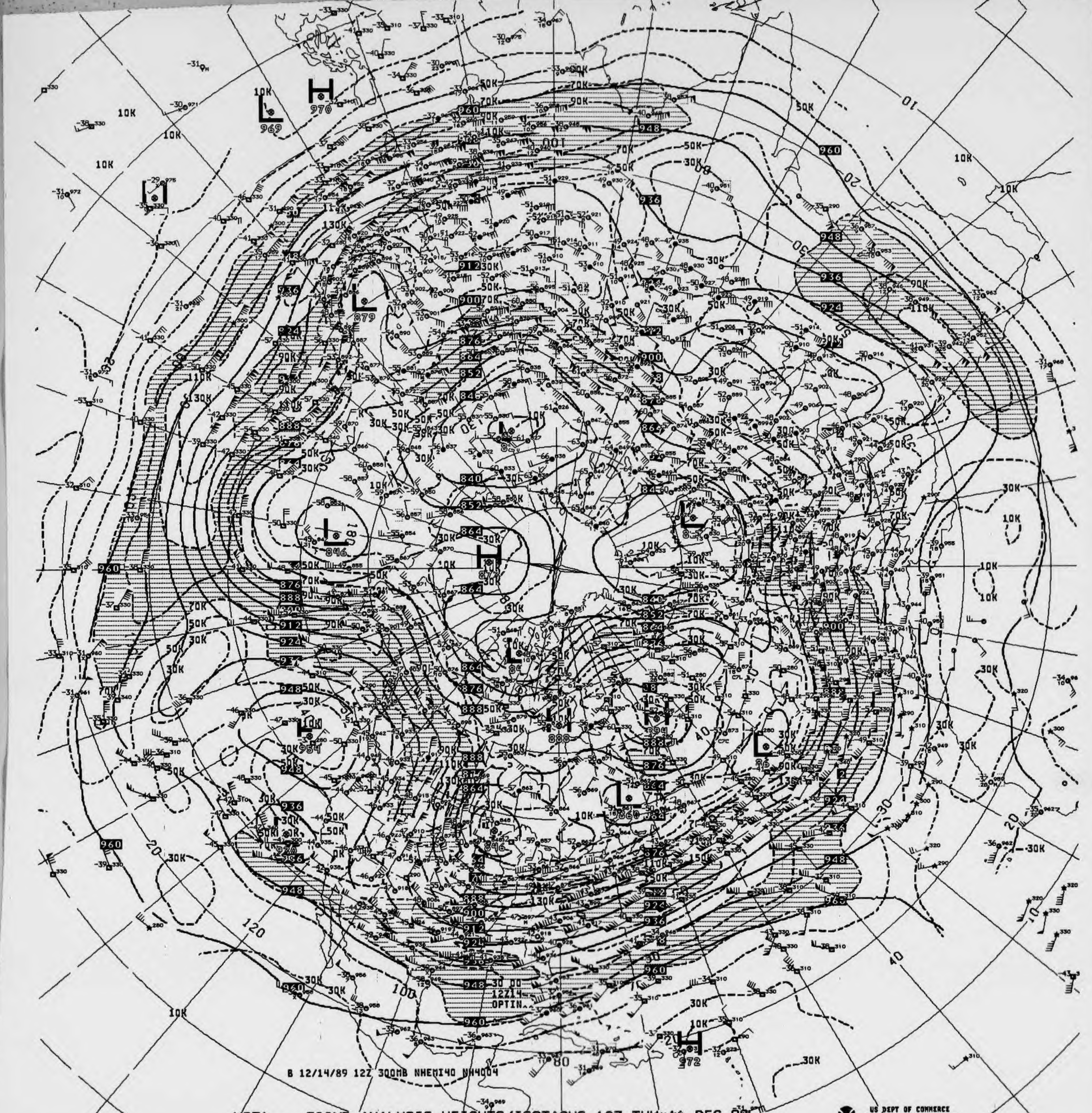
274 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 13 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/14/89 00Z 300MB NHEMI40 NH4004
H
L
968
960
948
936
924
912
900
888
876
864
852
840
827
50K
70K
30K
10K

V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 14 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/14/89 12Z 300MB NHEMI40 NH4004
30 00
12Z14
OPTIN
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970
L
969
L
879
L
846
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873
L
86
H
894
L
860
H
954
H
972
10K
30K
50K
70K
90K
110K
130K
150K
10
20
30
40
80
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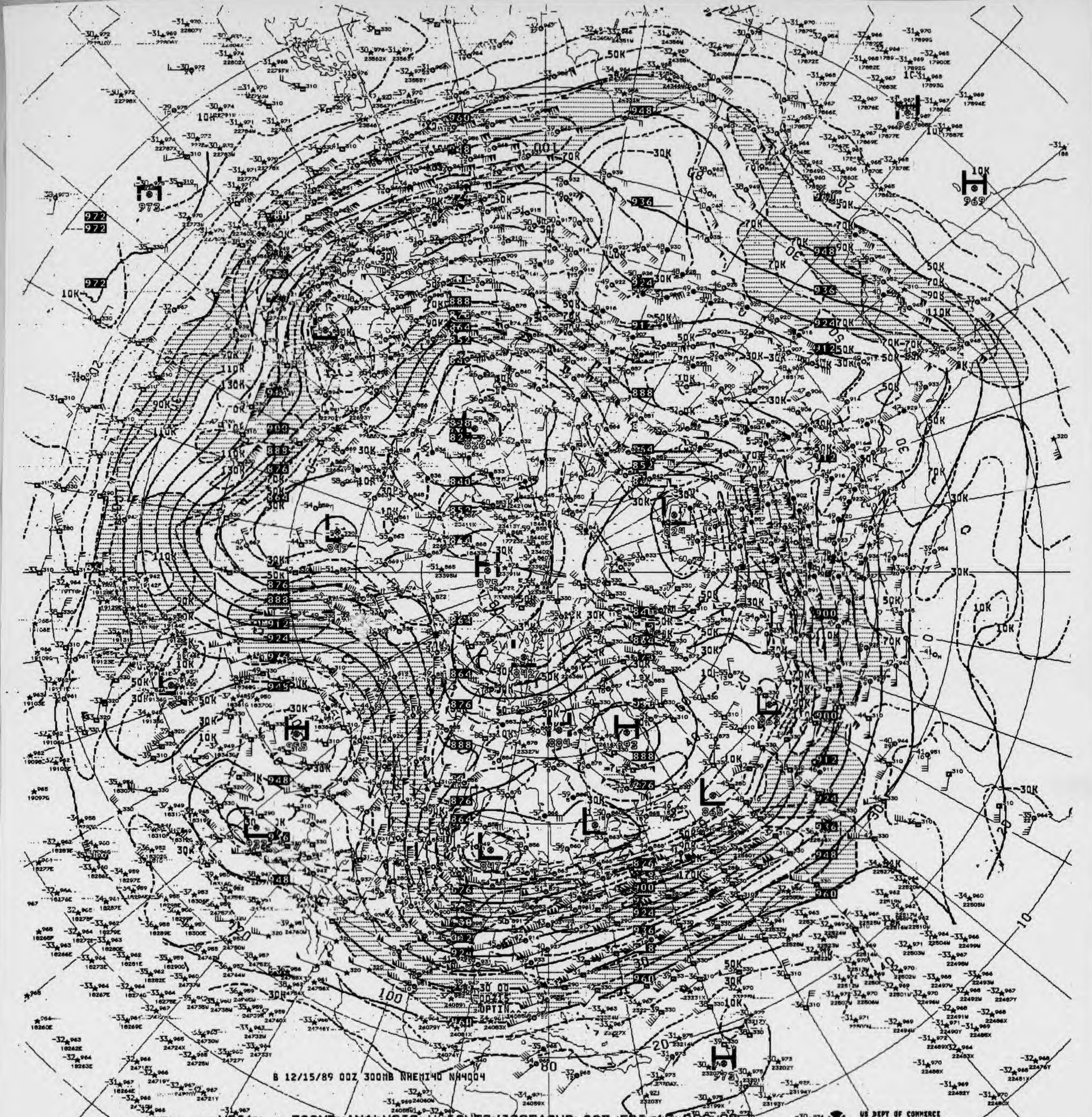
120

V874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 14 DEC 89

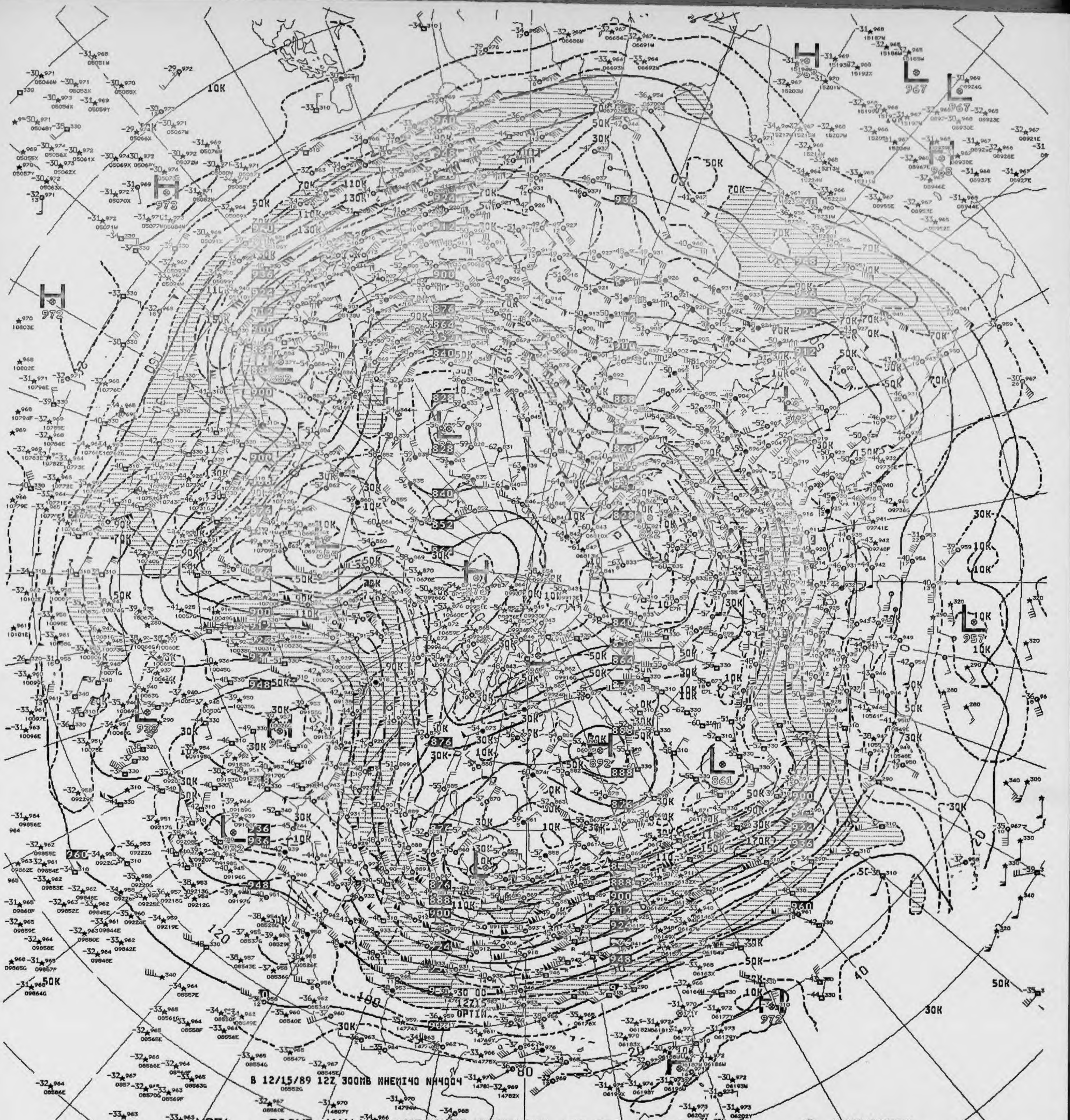
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/15/89 00Z 300MB NHEMI40 NH4004

V824 ... 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 15 DEC 82.

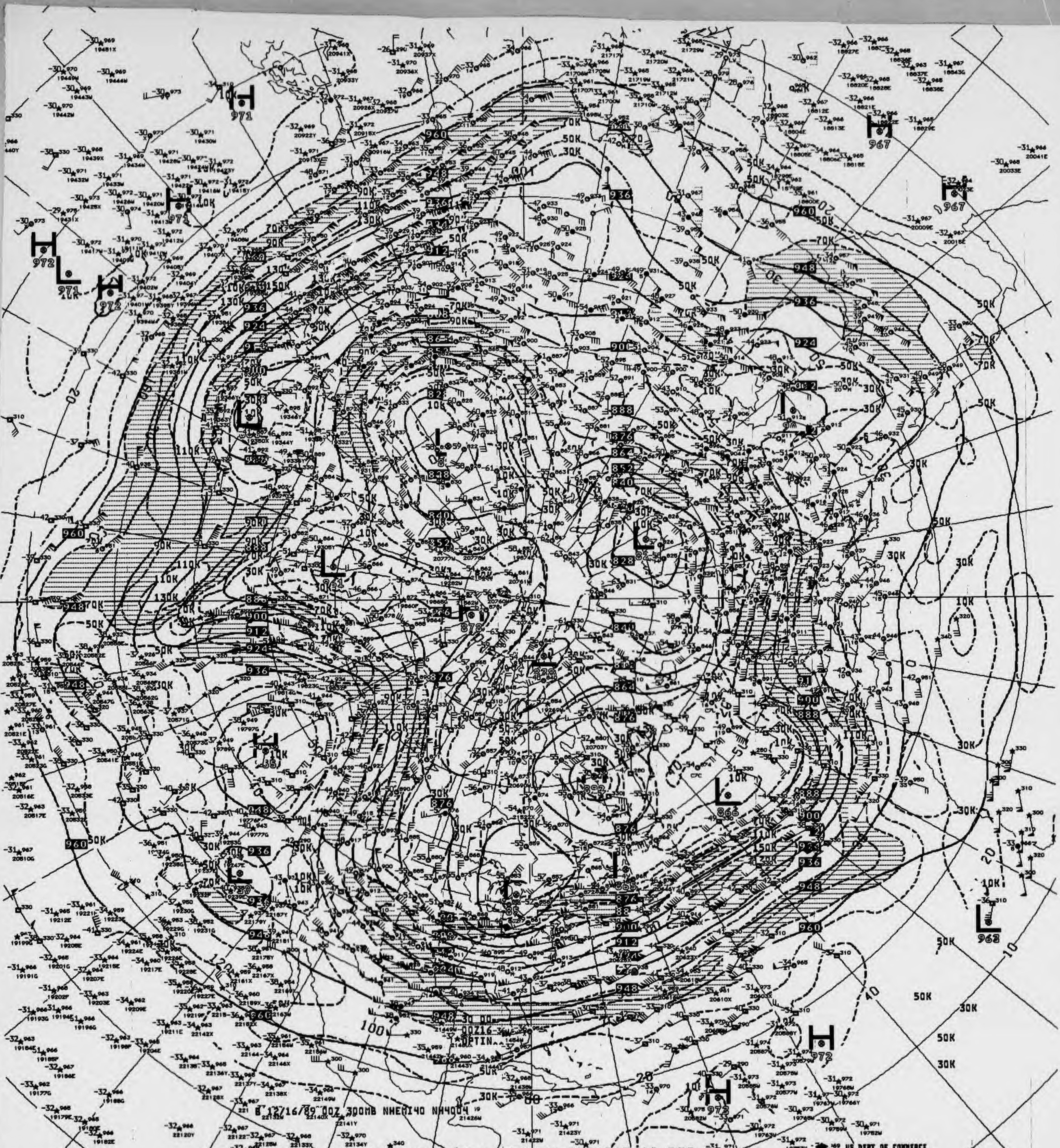
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/15/89 12Z 300MB NHEMI40 NH4004

V874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 15 DEC 89

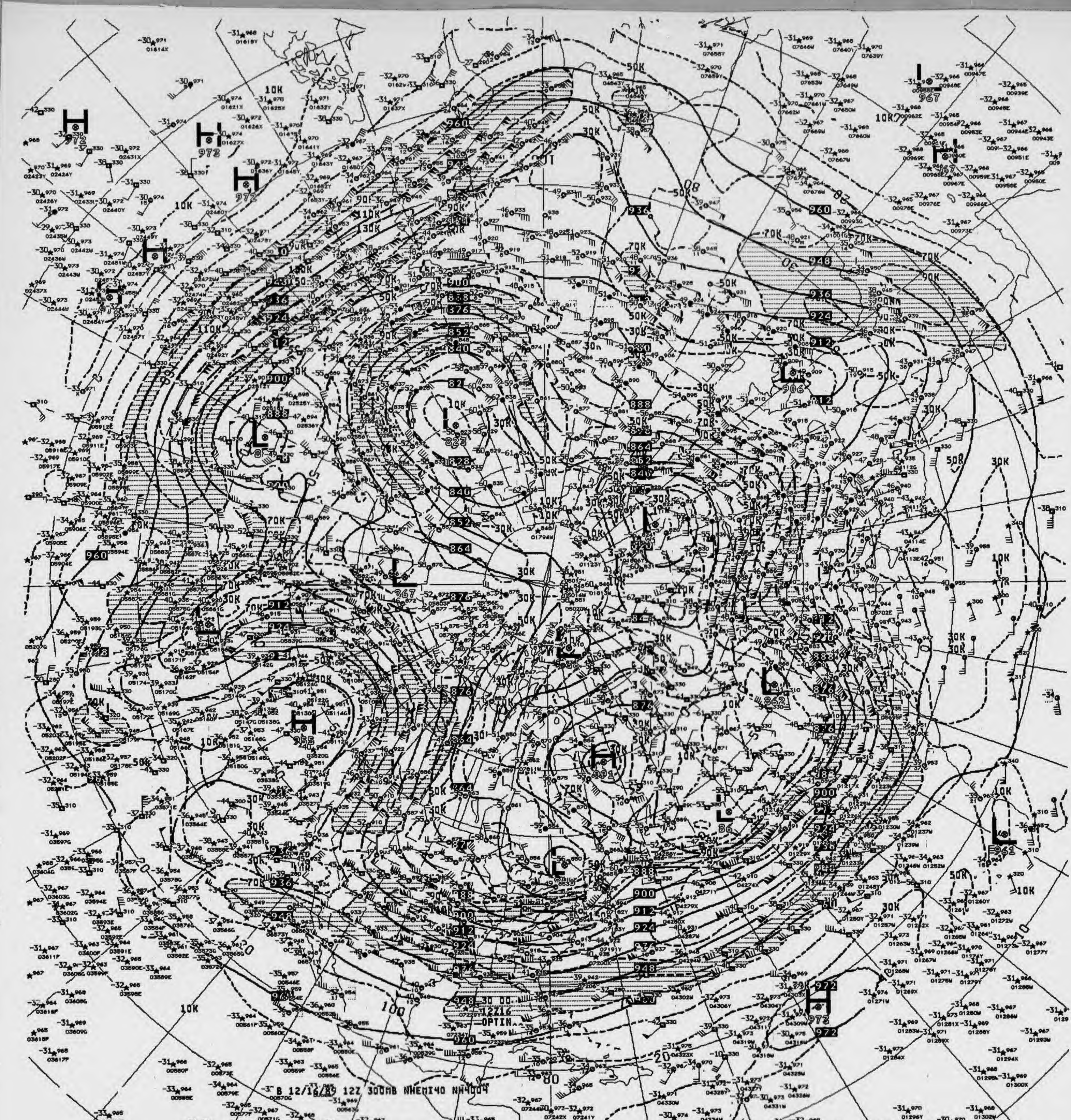
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



8 12/16/89 00Z 300MB NHEMI40 NH4004
00Z16
OPTIN

V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 16 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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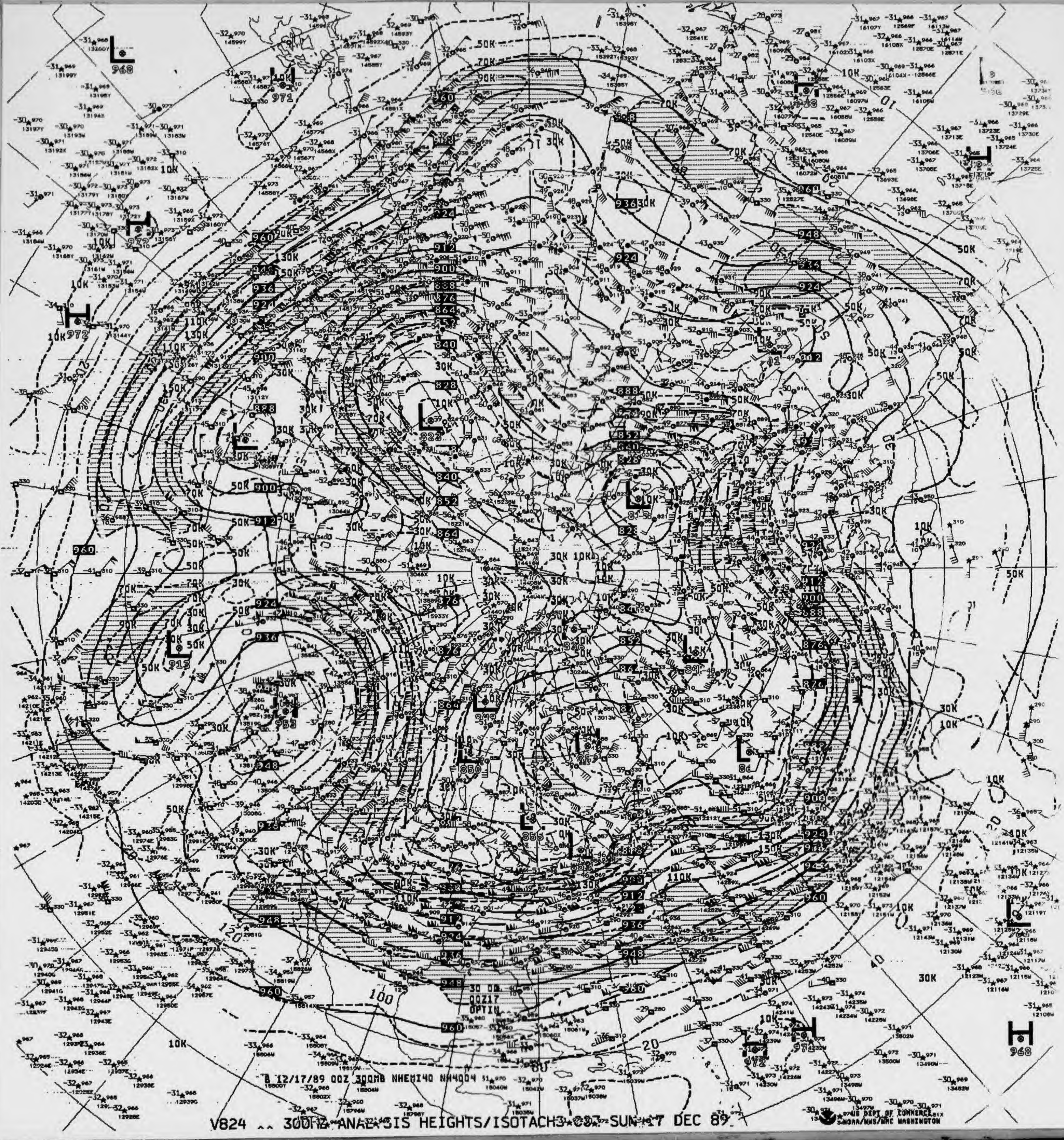
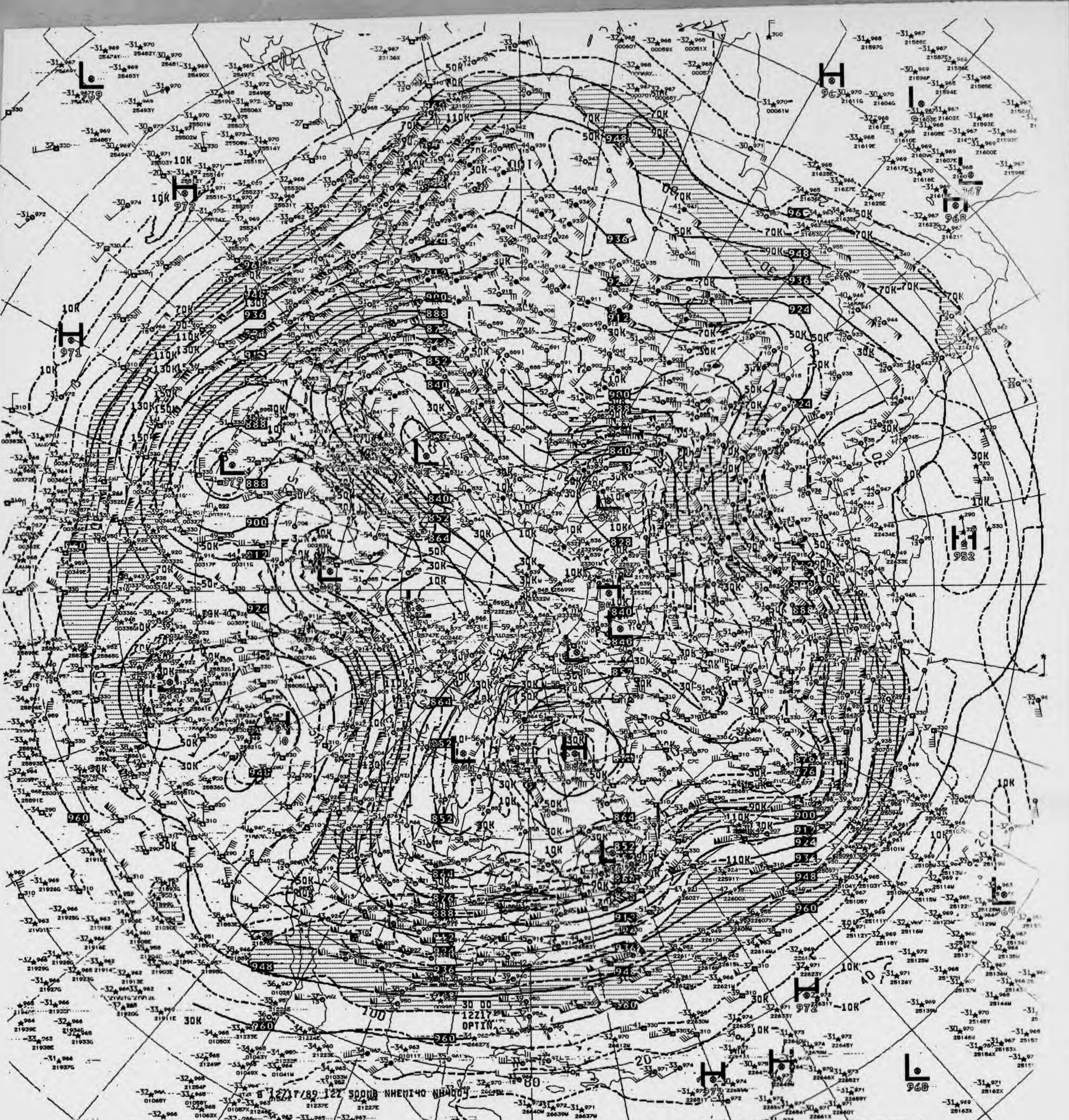
V874 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 16 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



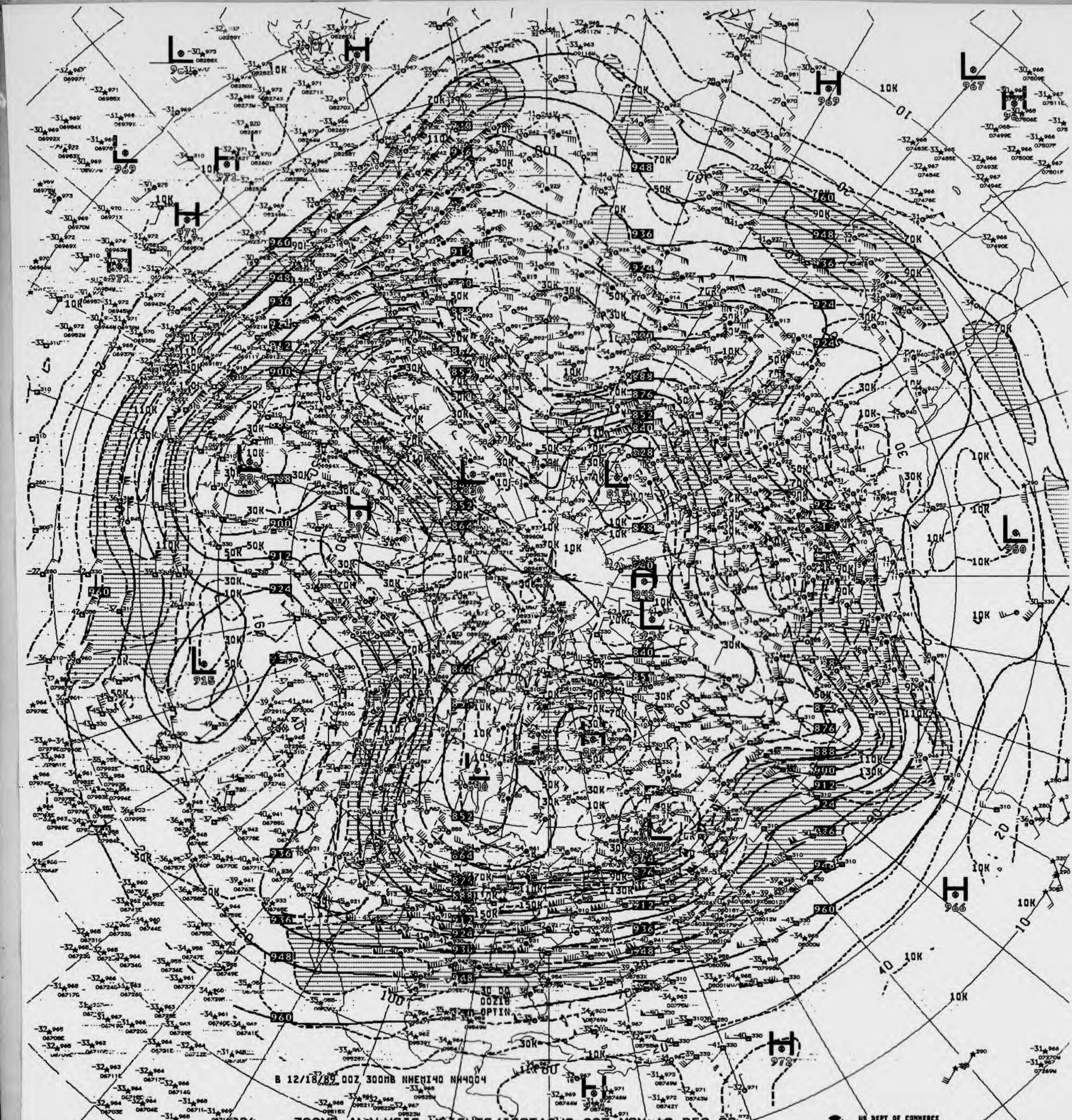
B 12/17/89 00Z 300MB NHEMI40 NH4004
30 OB
00Z17
OPTIN
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V824 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 17 DEC 89


8 12Z17/89 12Z 500MB NHEMI40 NH4004
30 00
12Z17
OPTIN

874 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 17 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/18/82 00Z 300MB NHEMI40 NH4004
H
970
L
969
H
971
H
969
L
967
H
L
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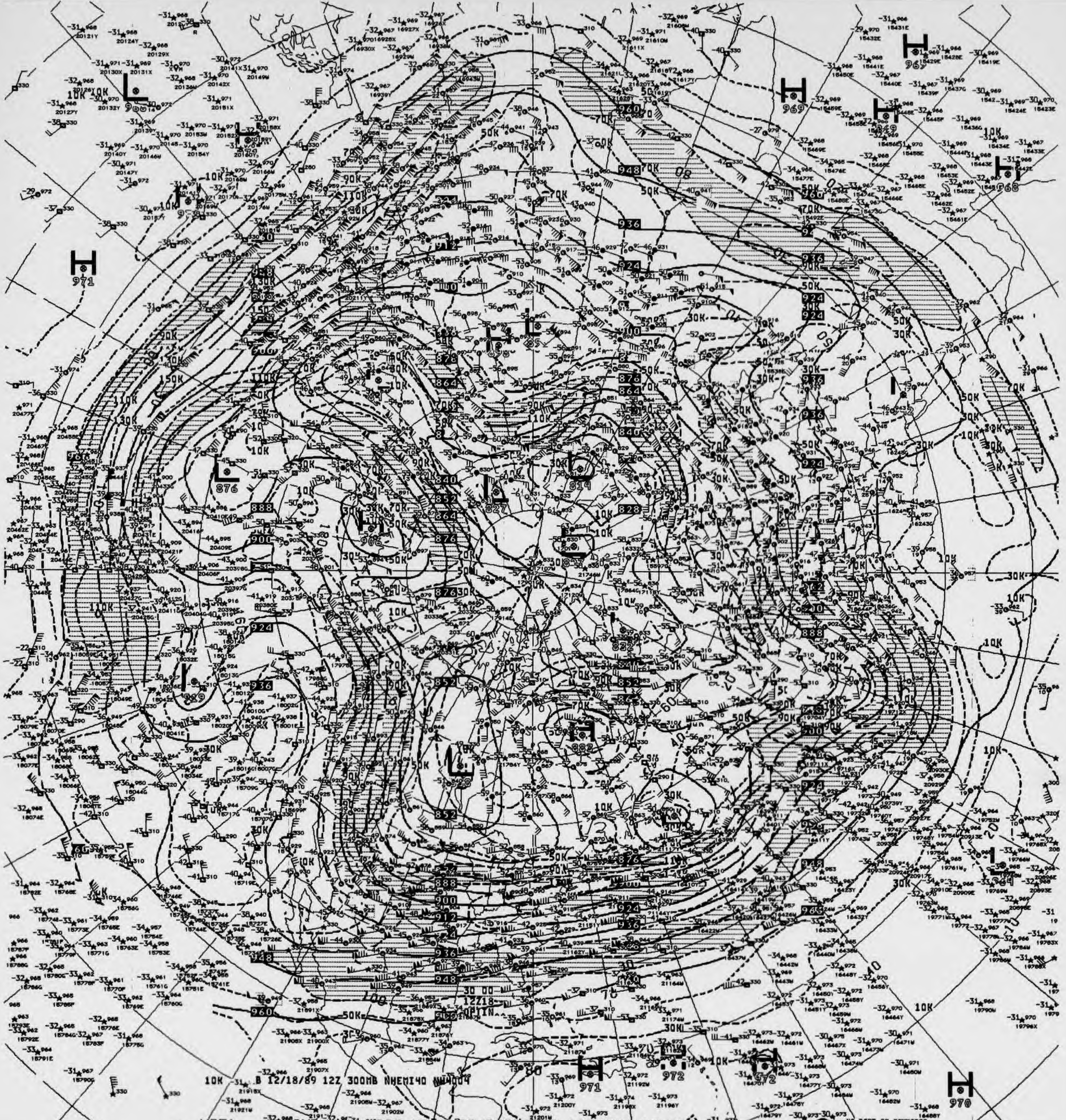
L
817
H
902
L
915
L
950
L
842
H
966
H
972
960
948
936
924
912
900
888
876
864
852
840
828
10K
30K
50K
70K
90K
110K
130K
150K

V824 ... 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 18 DEC 82

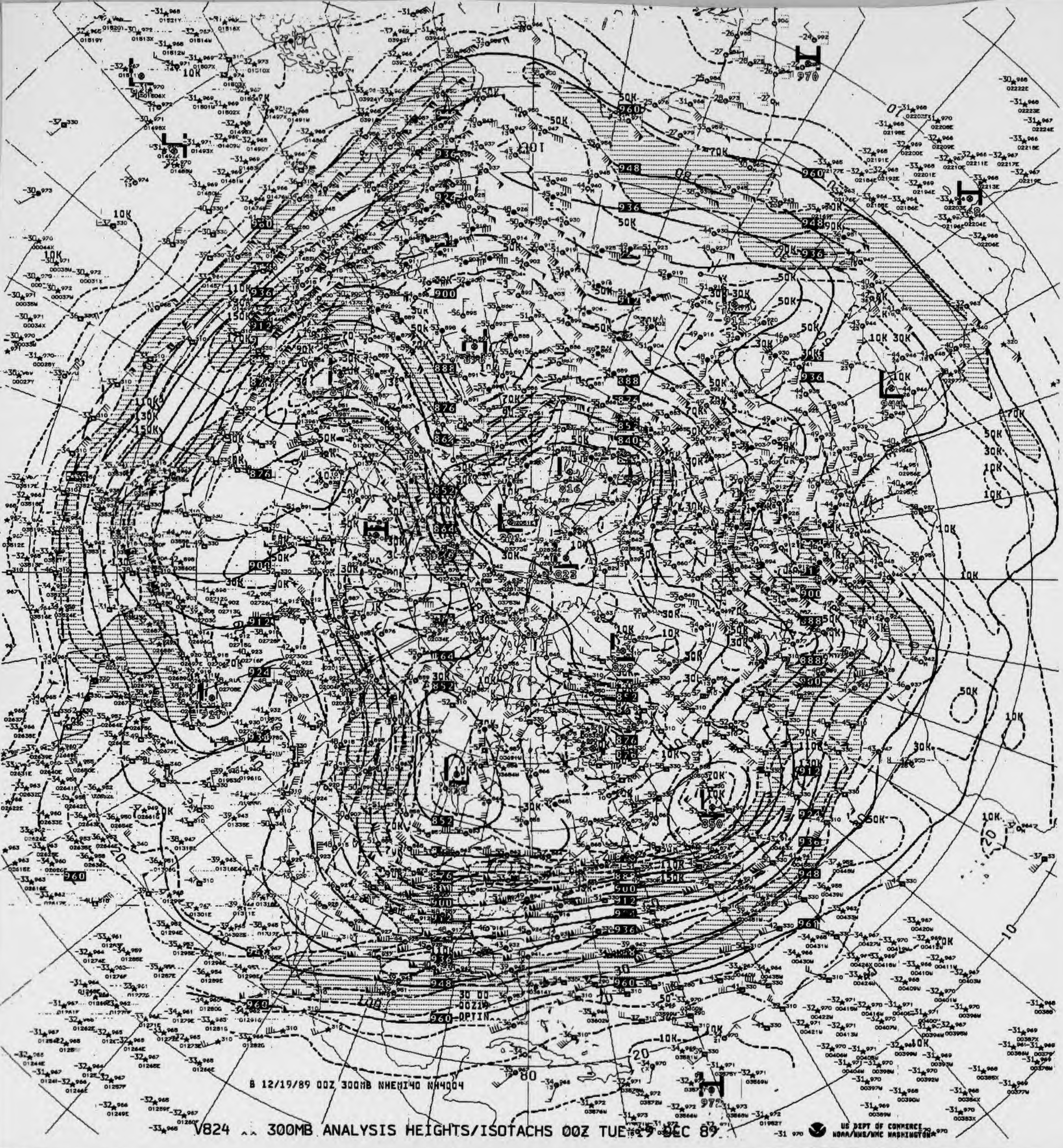
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



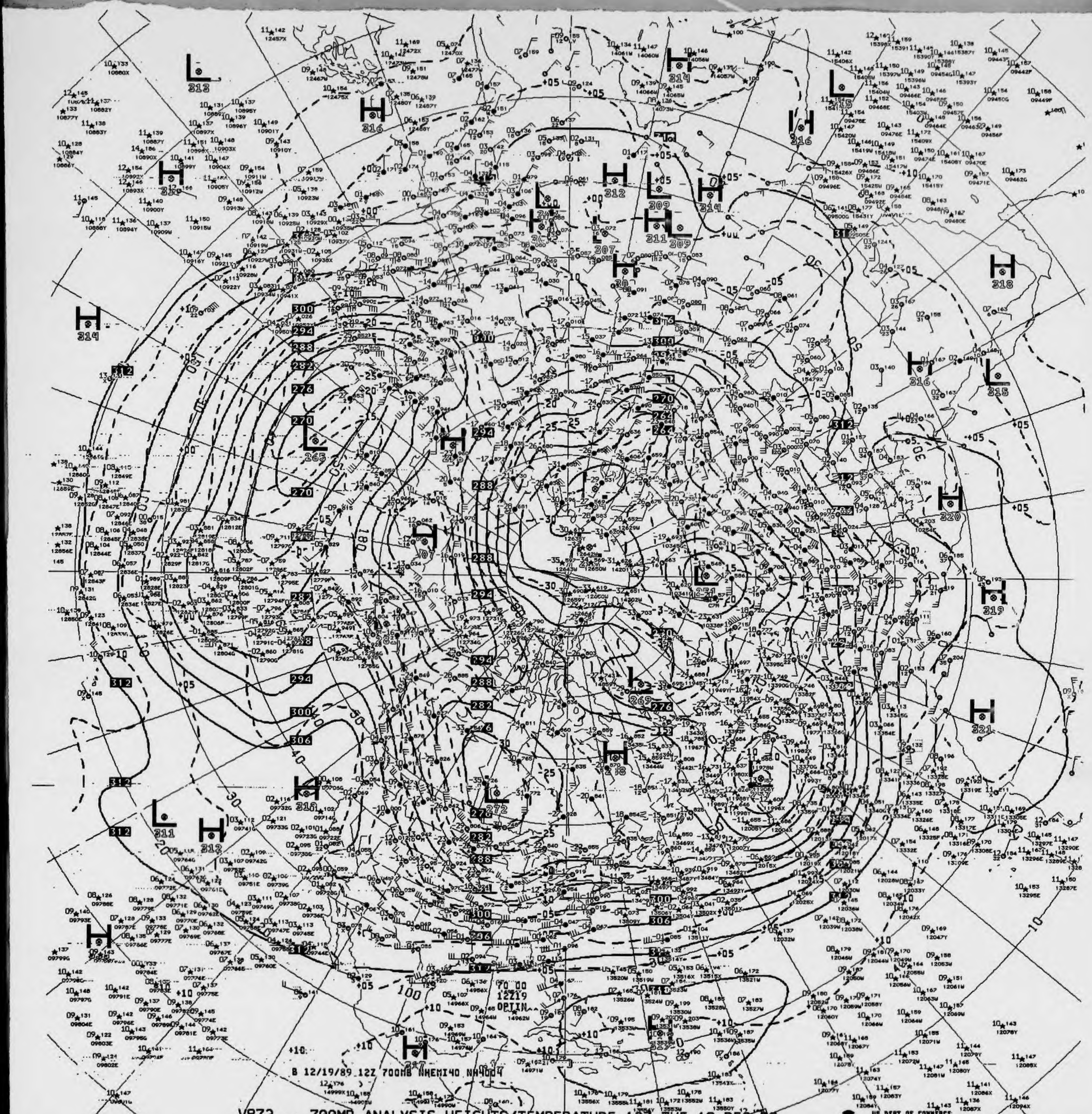
B 12/18/89 12Z 300MB NHEMI40 NW4004

V874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 18 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

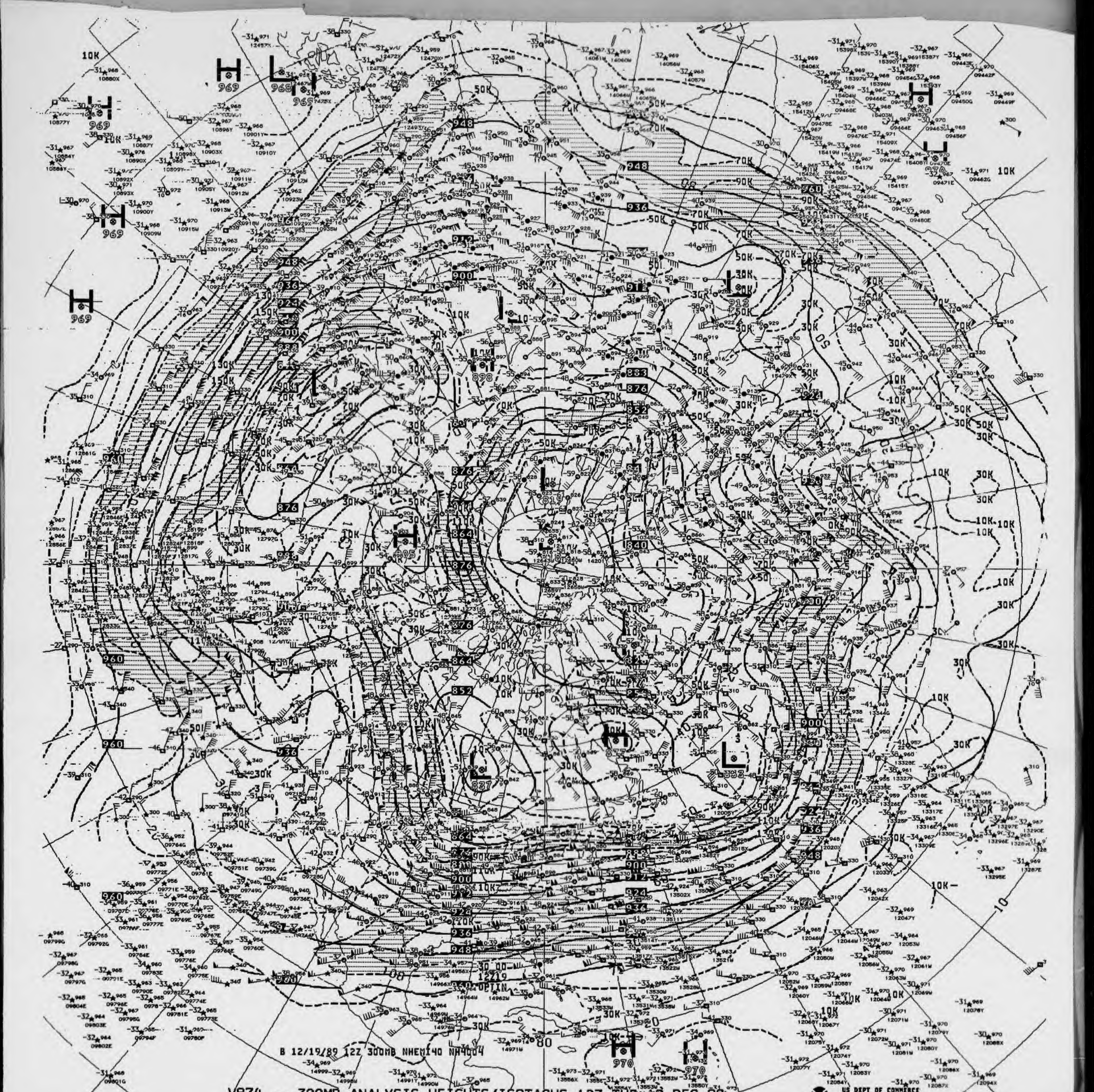

B 12/19/89 00Z 300MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
30 00
00Z19
OPTIN

V824 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 19 DEC 89


B 12/19/89 12Z 700MB NHEMI40 NH4004
OPTIN

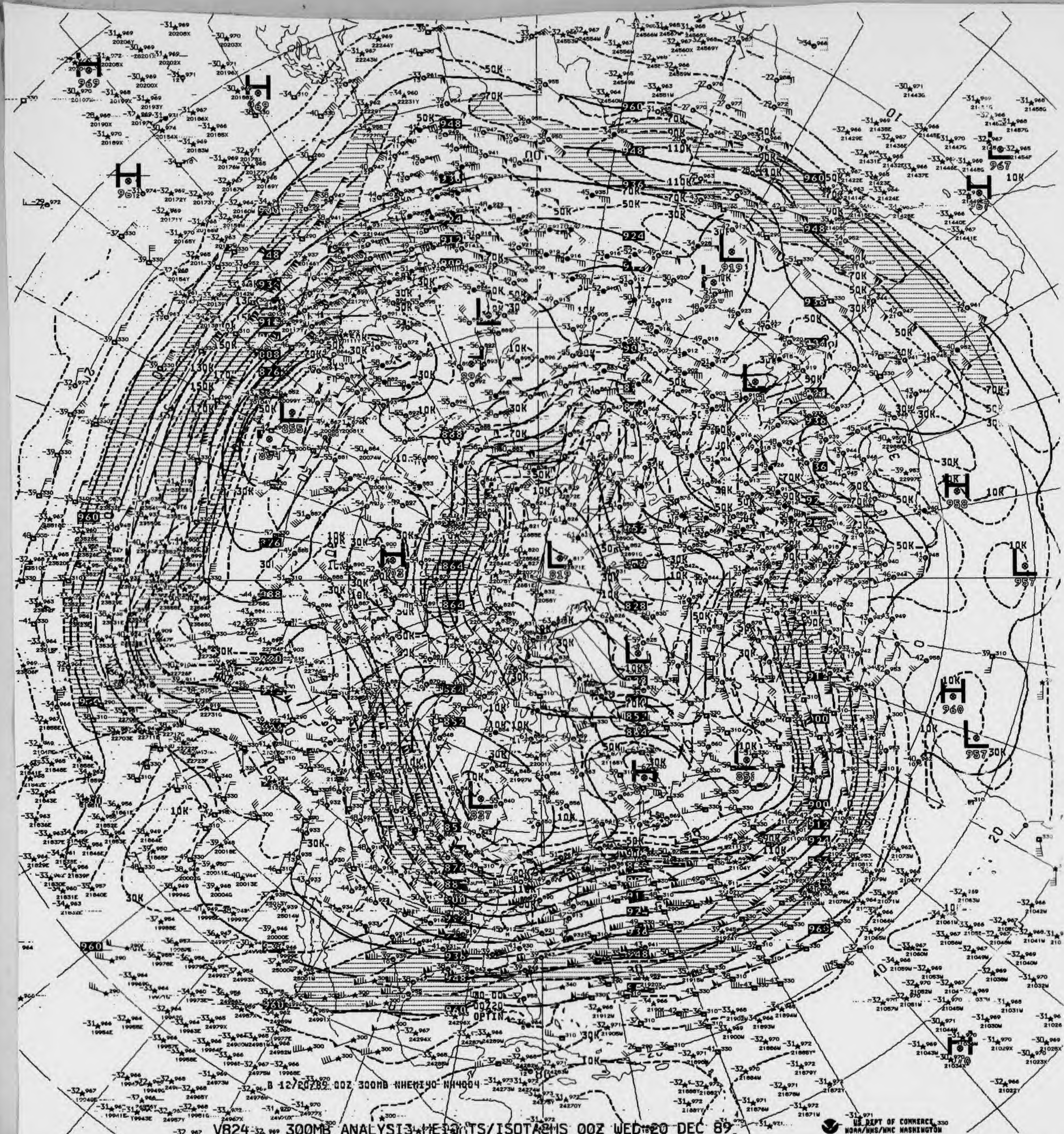
V872 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/19/89 12Z 300MB NHEMI40 NH4004

V874 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 19 DEC 89

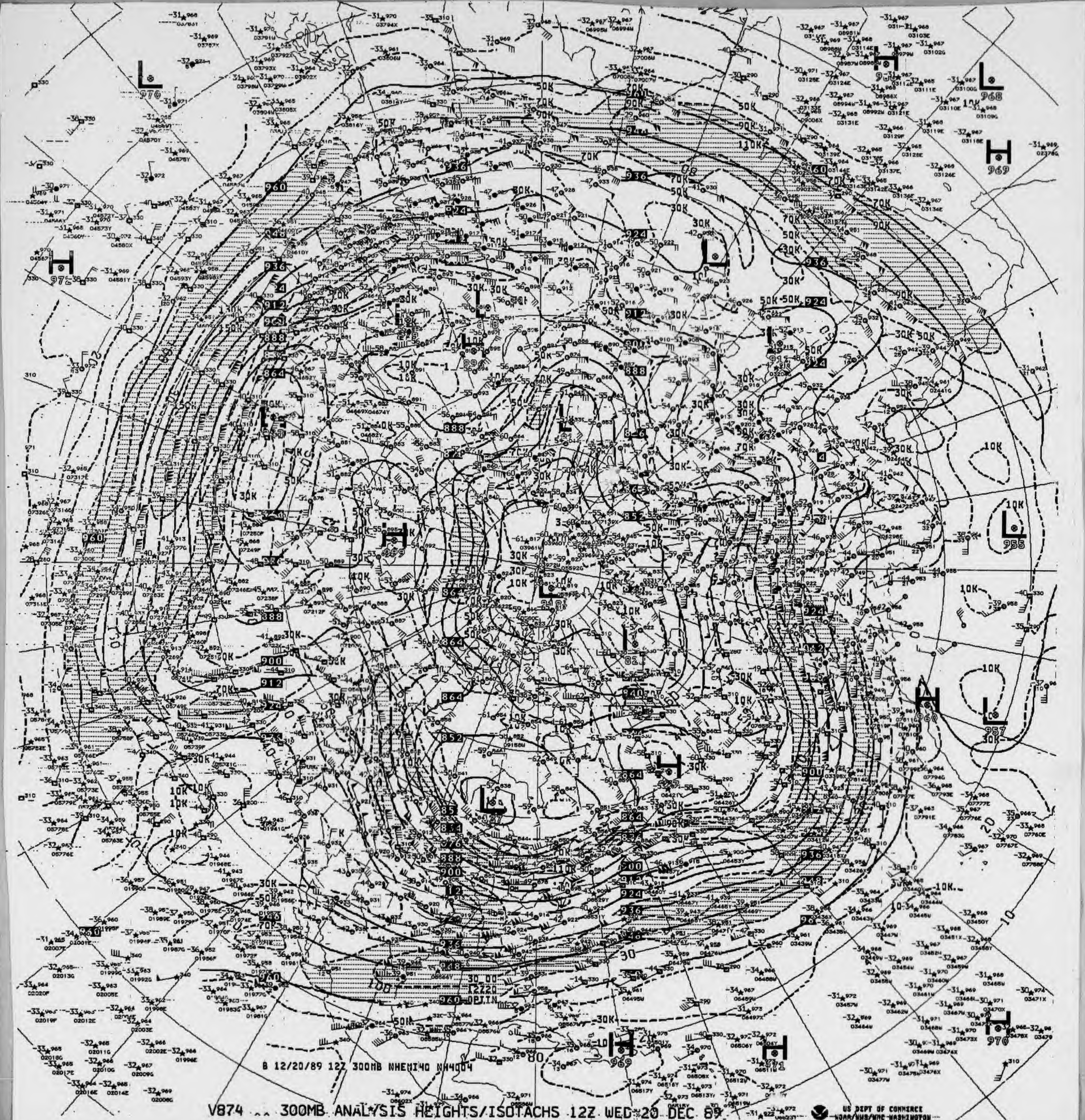
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/20/89 00Z 300MB NHEMI40 NH4004

V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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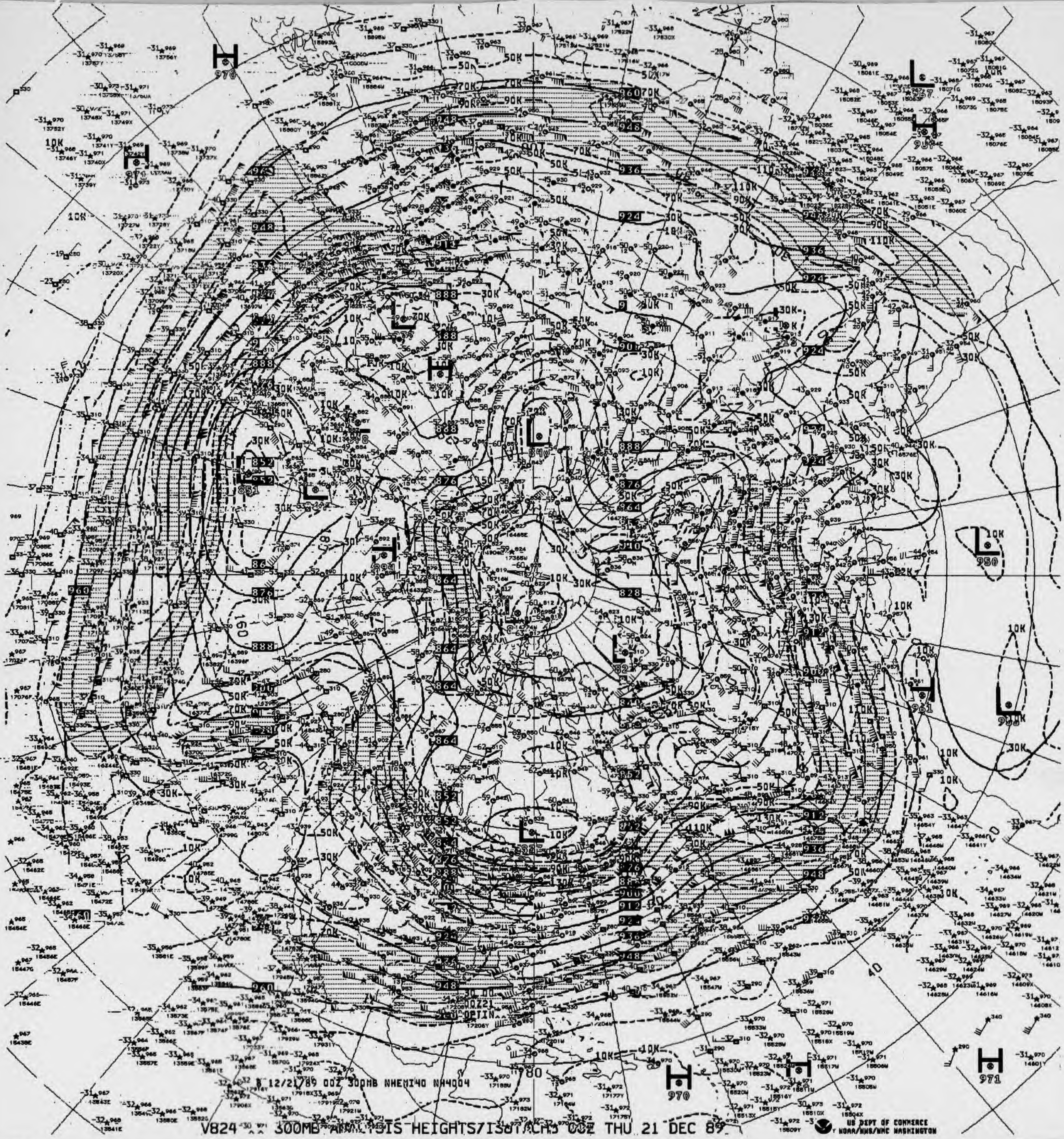
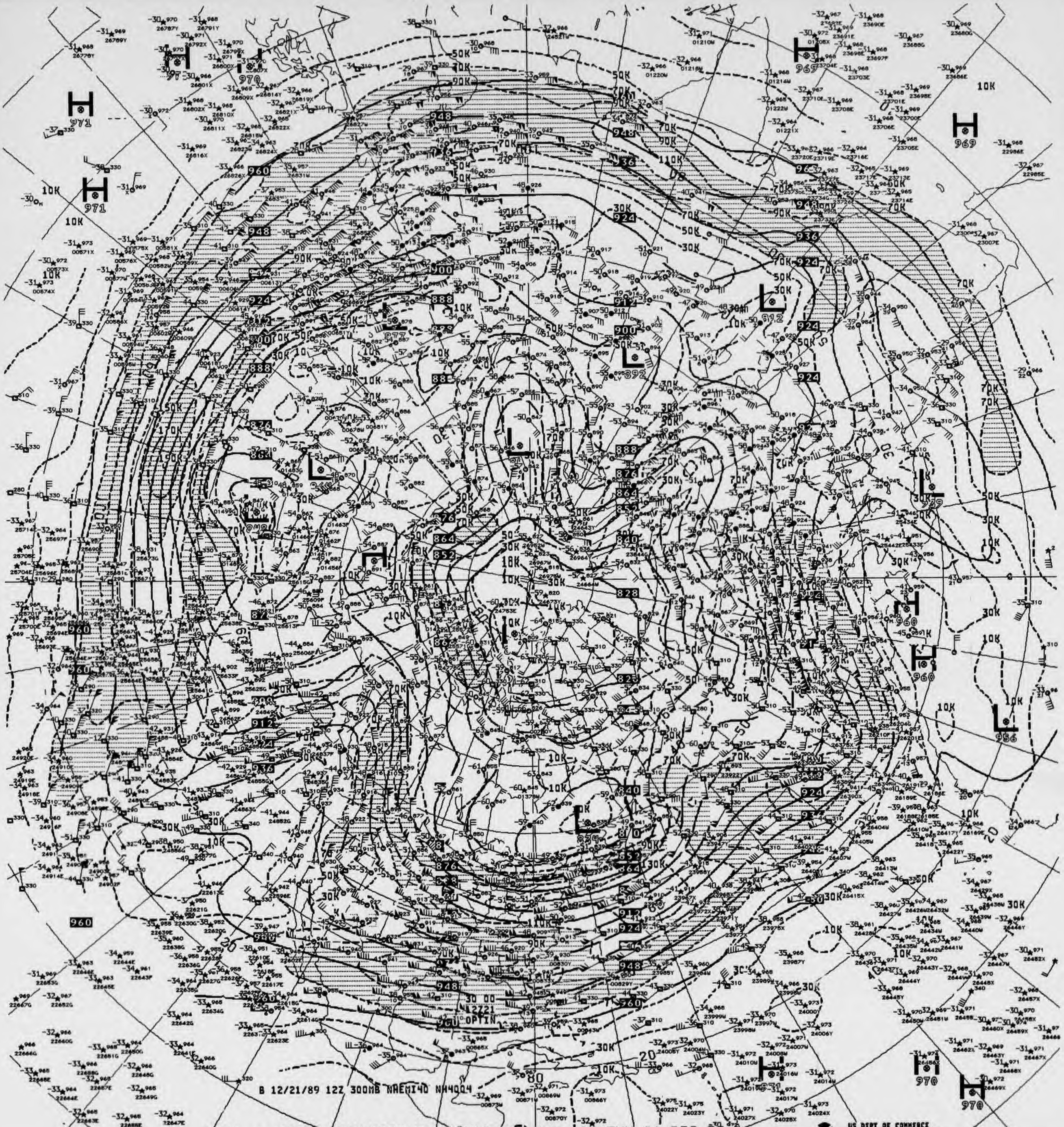
V874 ... 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


12/21/89 00Z 300MB NHEMI40 NH4004
H
L
970
971
950
961
10K
30K
50K
70K
90K
110K

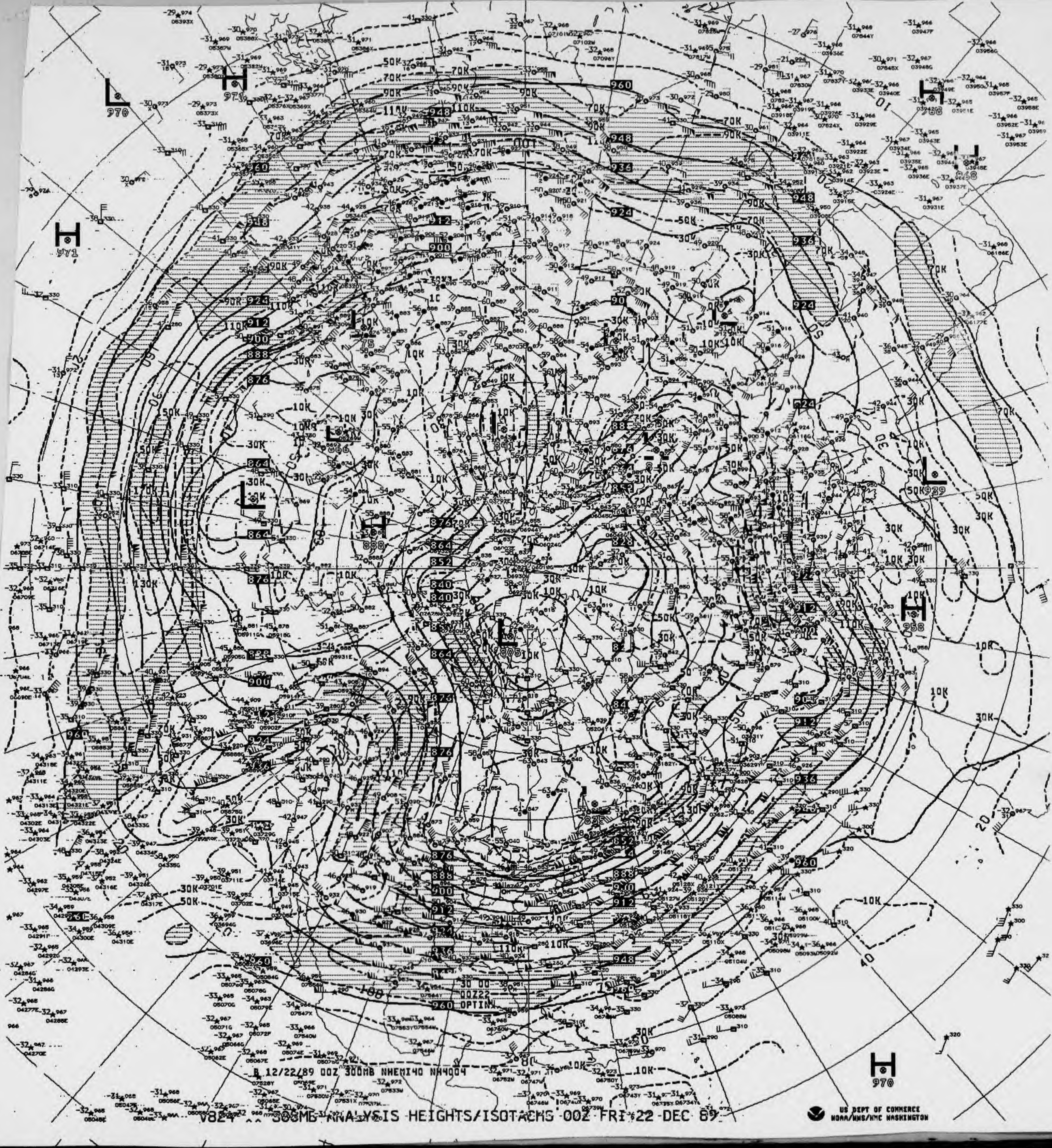
V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 21 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/21/89 12Z 300MB NAEMI40 NH4004

V874 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 21 DEC 89

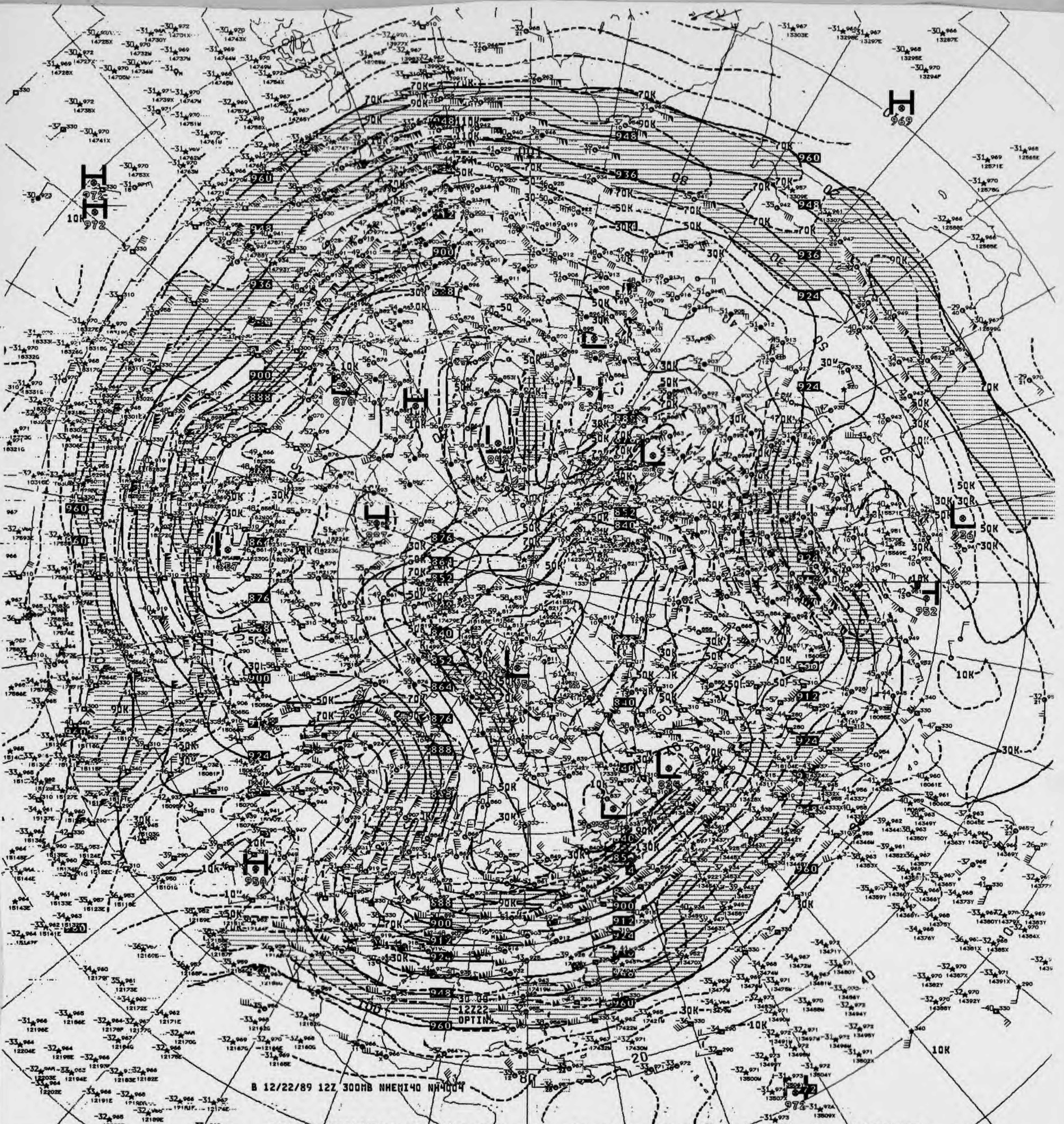
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/22/89 00Z 300MB NHEMI40 NH4004

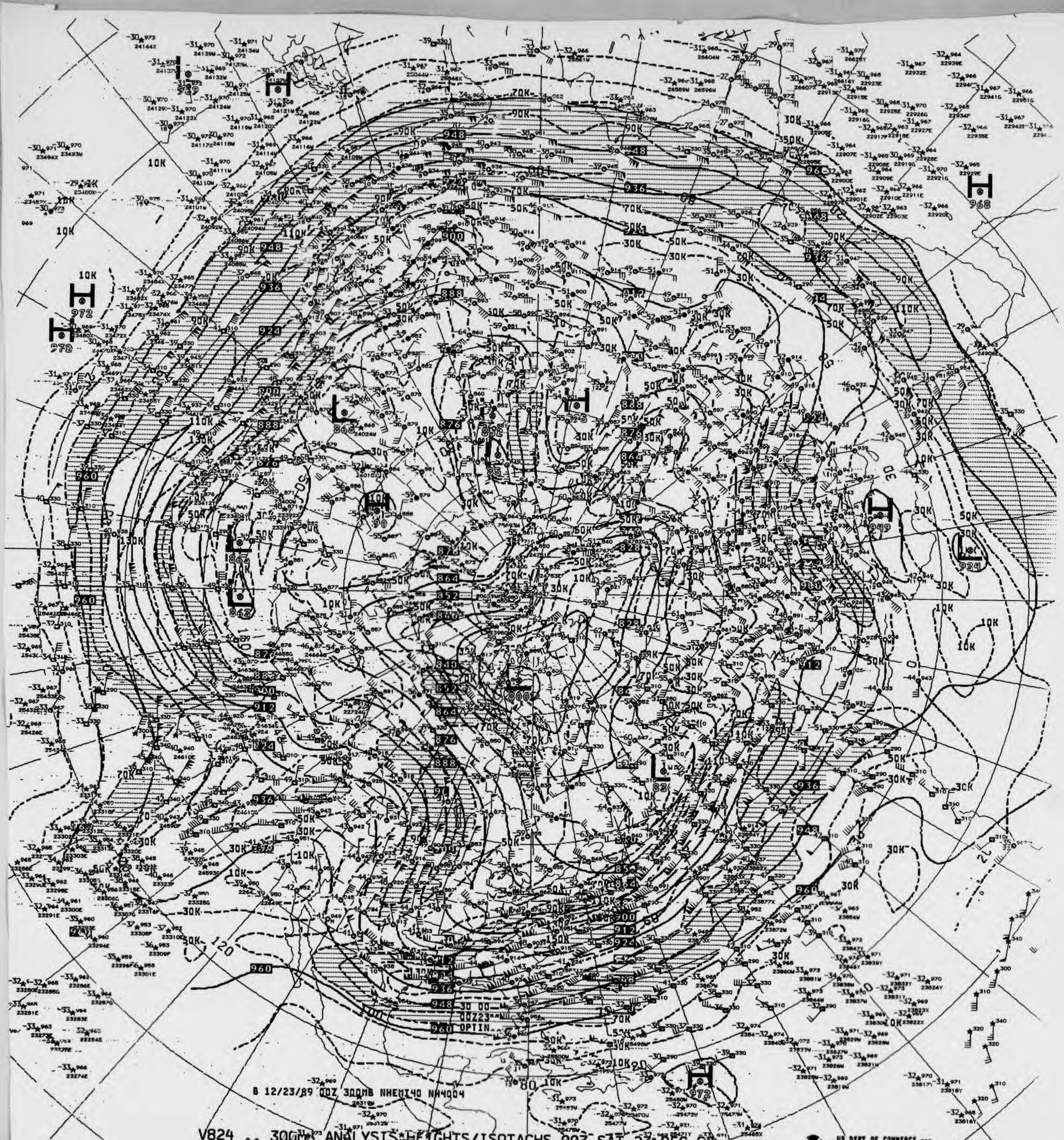
V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 22 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/22/89 12Z 300MB NHEMI40 NH4004
12Z22
OPTIN
H
L
960
948
936
924
912
900
888
876
864
852
840
70K
50K
30K
10K
90K
110K

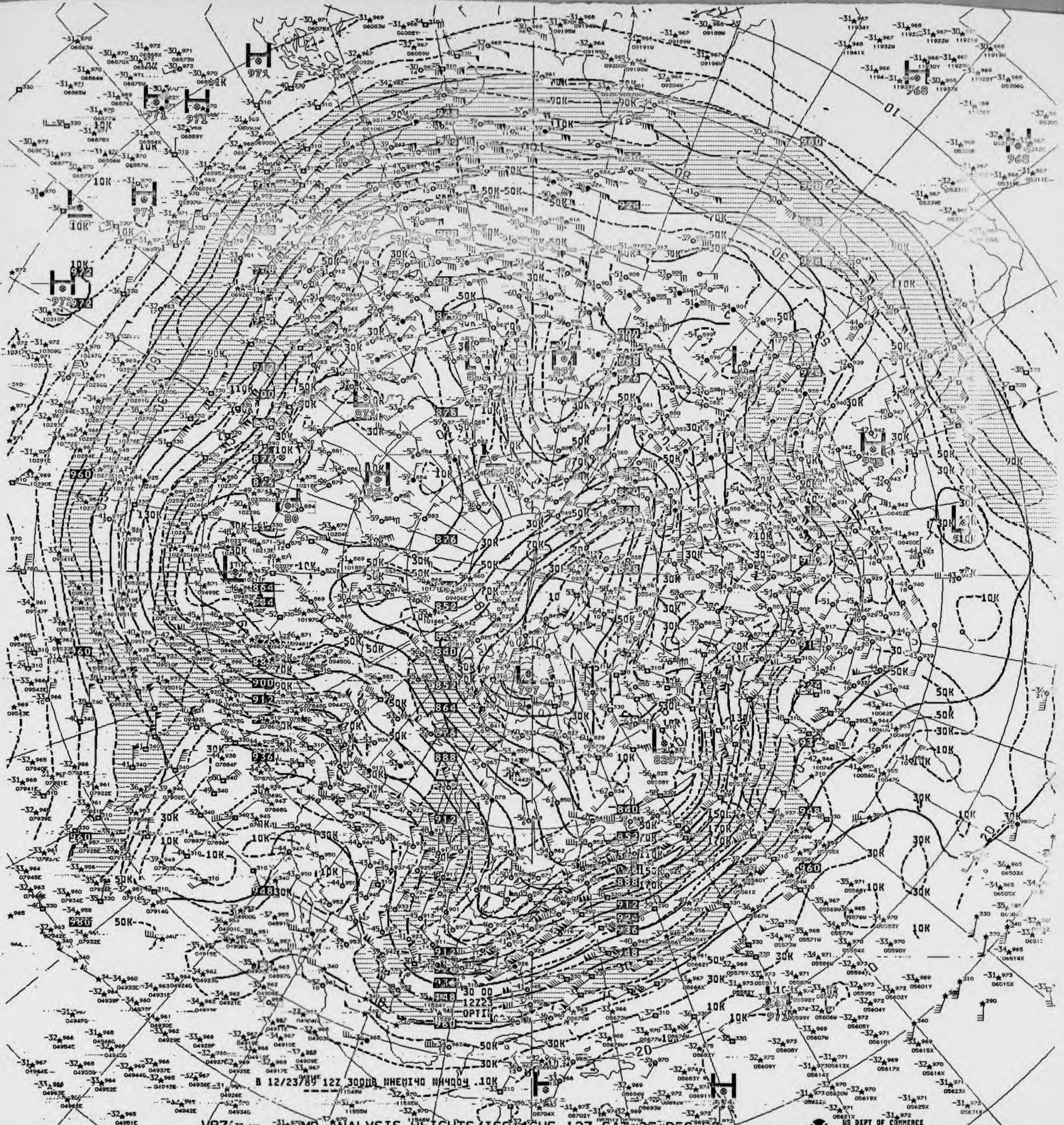
V224 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 22 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/23/89 00Z 300MB NHEMI40 NH4004
30 00
00Z23
OPTIN

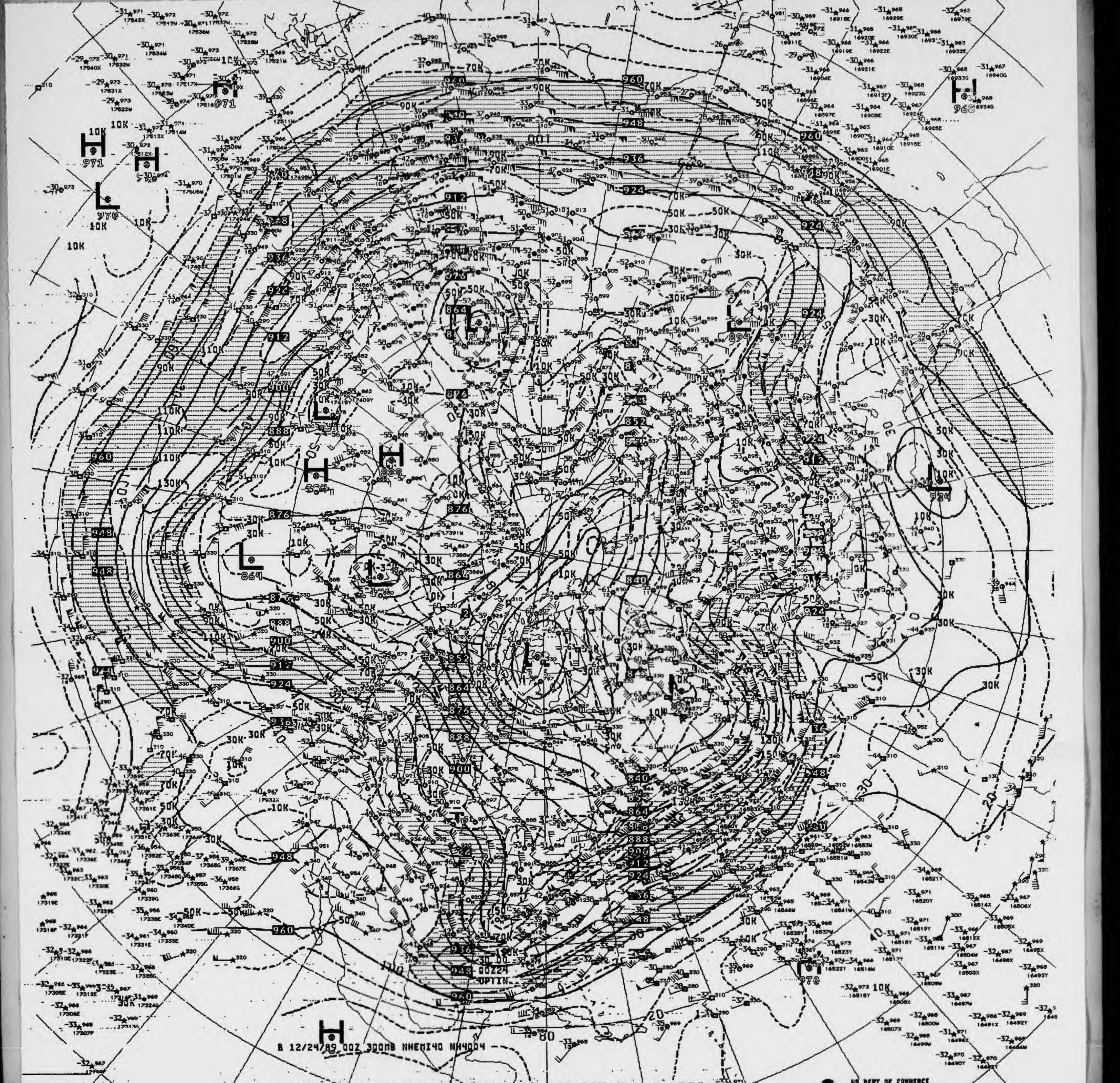
V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/23/89 12Z 300MB NHEMI40 NH4004 .10K

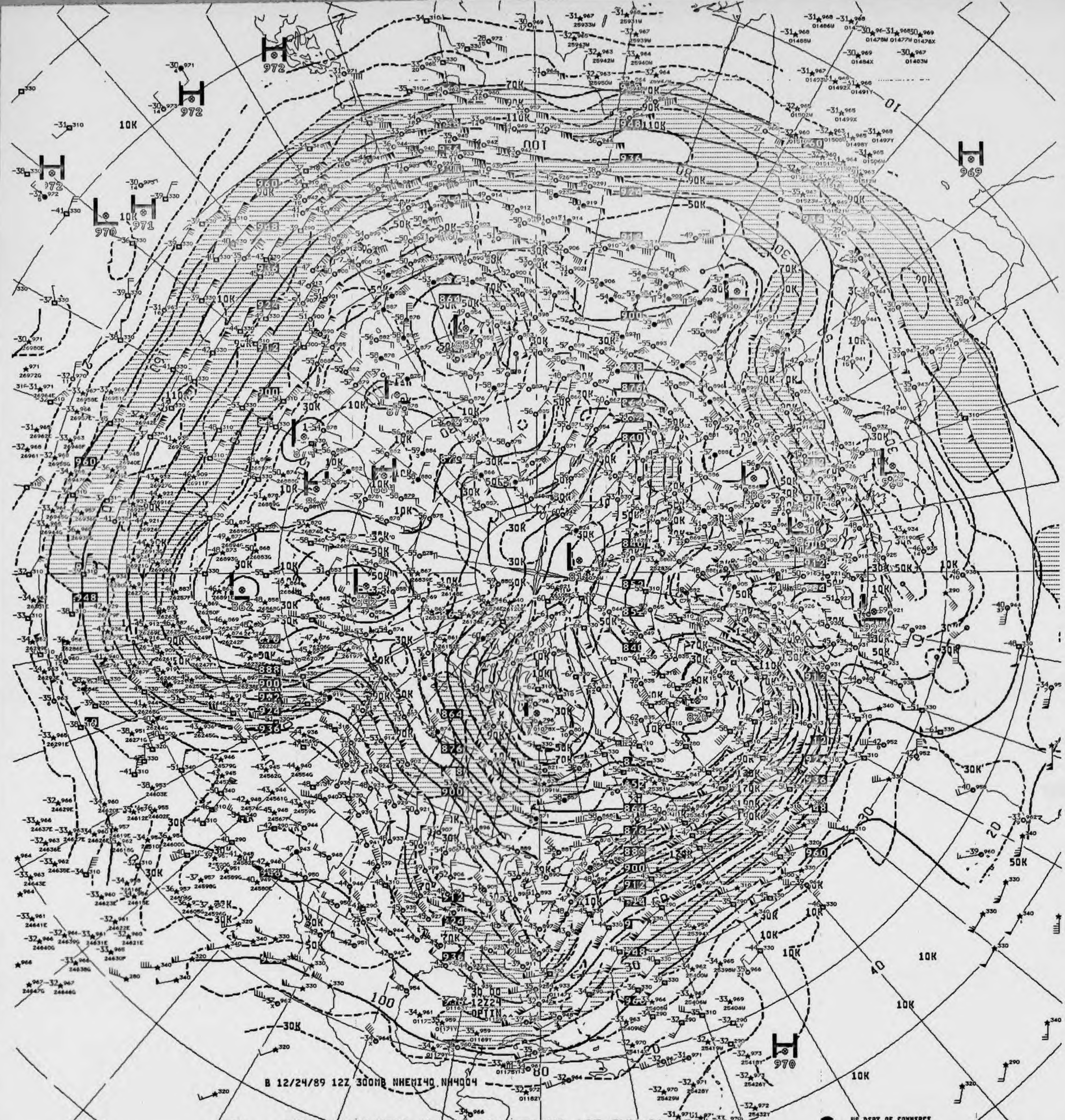
V87 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/24/89 00Z 300MB NHEMI40 NH4004
960
948
936
924
912
900
888
876
864
852
840
H
L
10K
30K
50K
70K
90K
110K
130K
00224
OPTIN

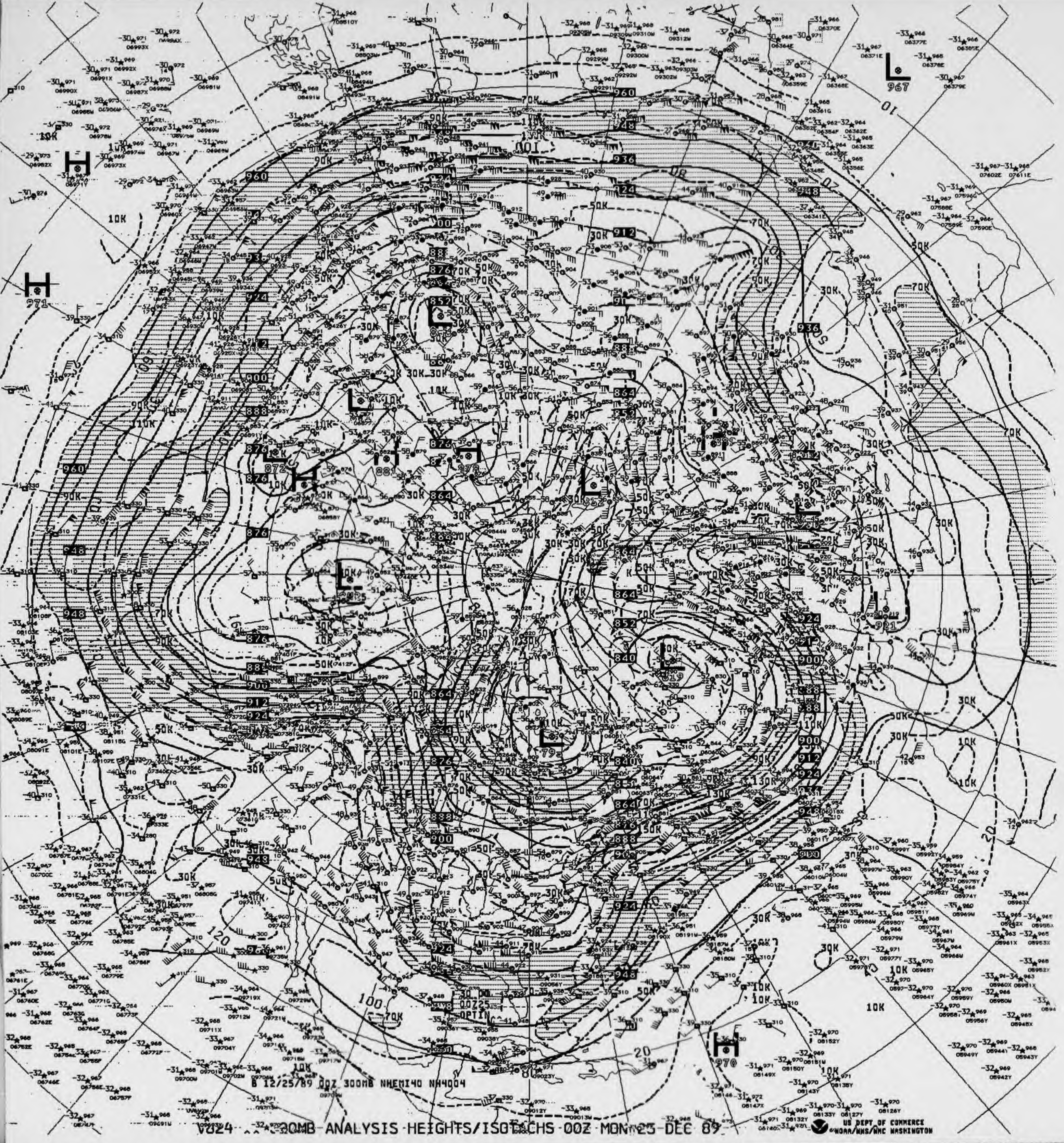
V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 24 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 972
H 972
H 972
L 970
H 971
H 969
H 970
L 862
L 842
L 814
L 851
L 820
100
80
60
40
30
20
10
10K
30K
50K
70K
90K
110K
B 12/24/89 12Z 300MB NHEMI40 NH4004

V874 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 24 DEC 89

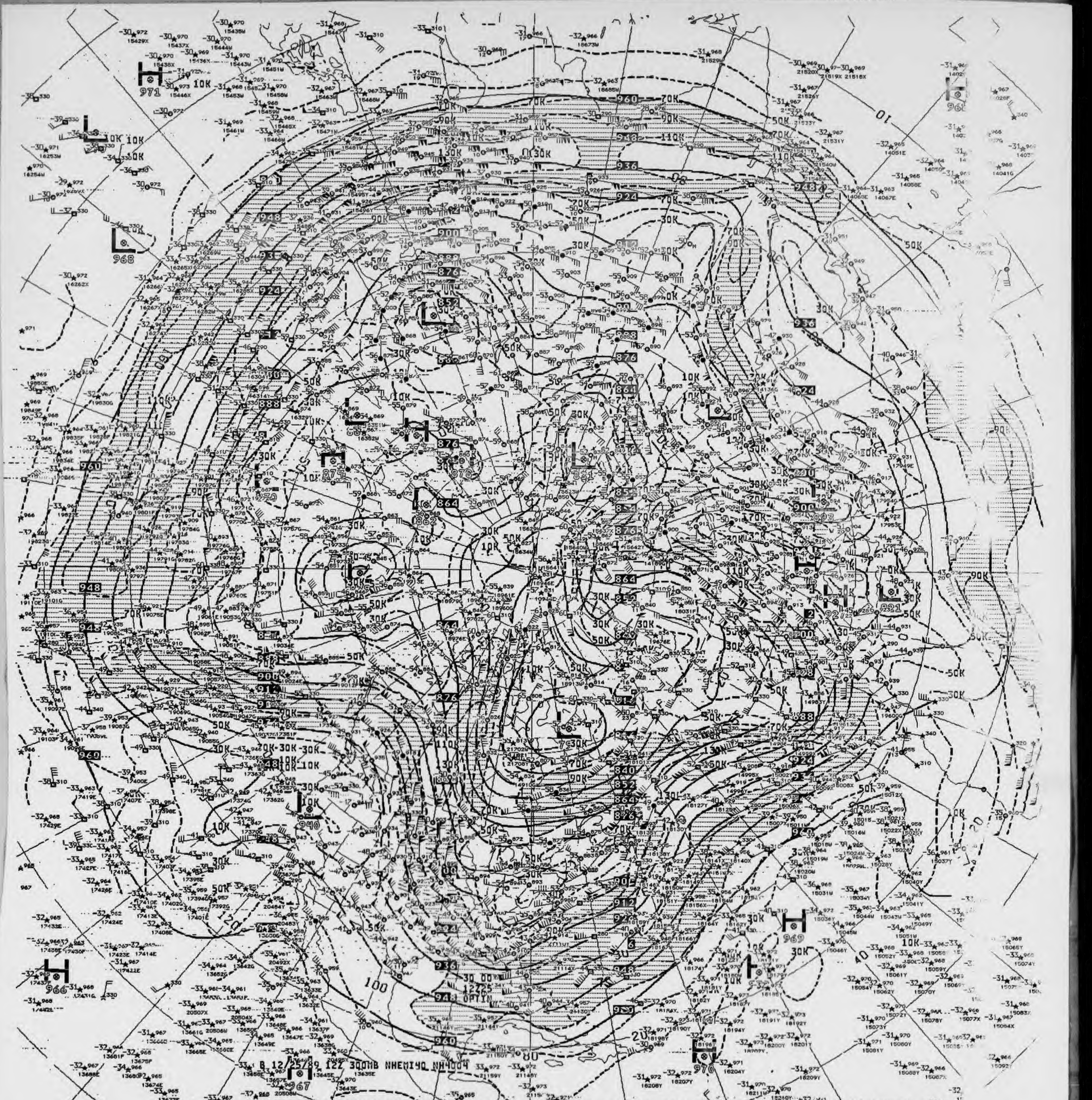
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/25/89 00Z 300MB NHEMI40 NH4004

V024 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 25 DEC 89

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON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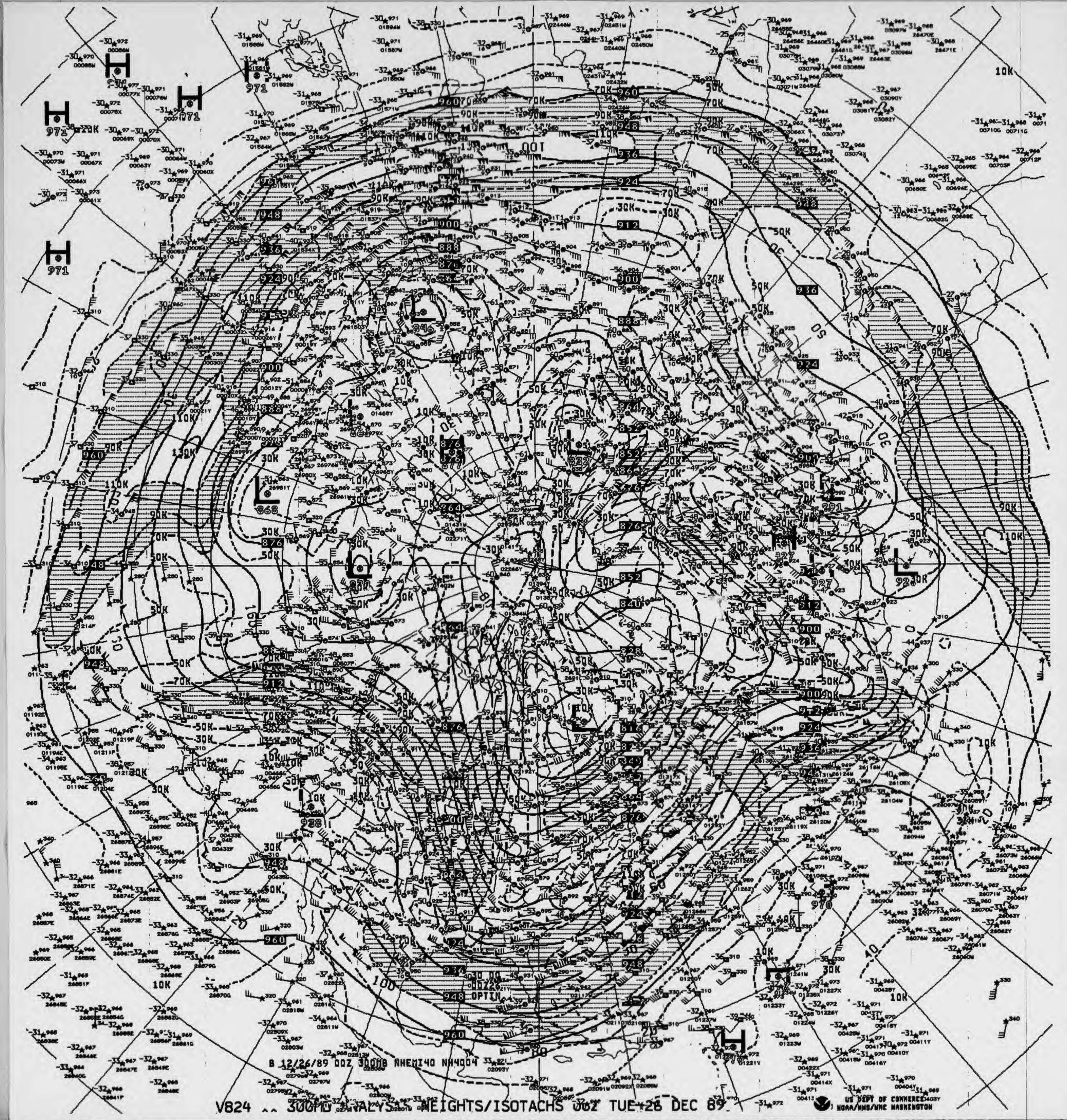
30 00
12Z25
OPTIN

V074 ... 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 25 DEC 89

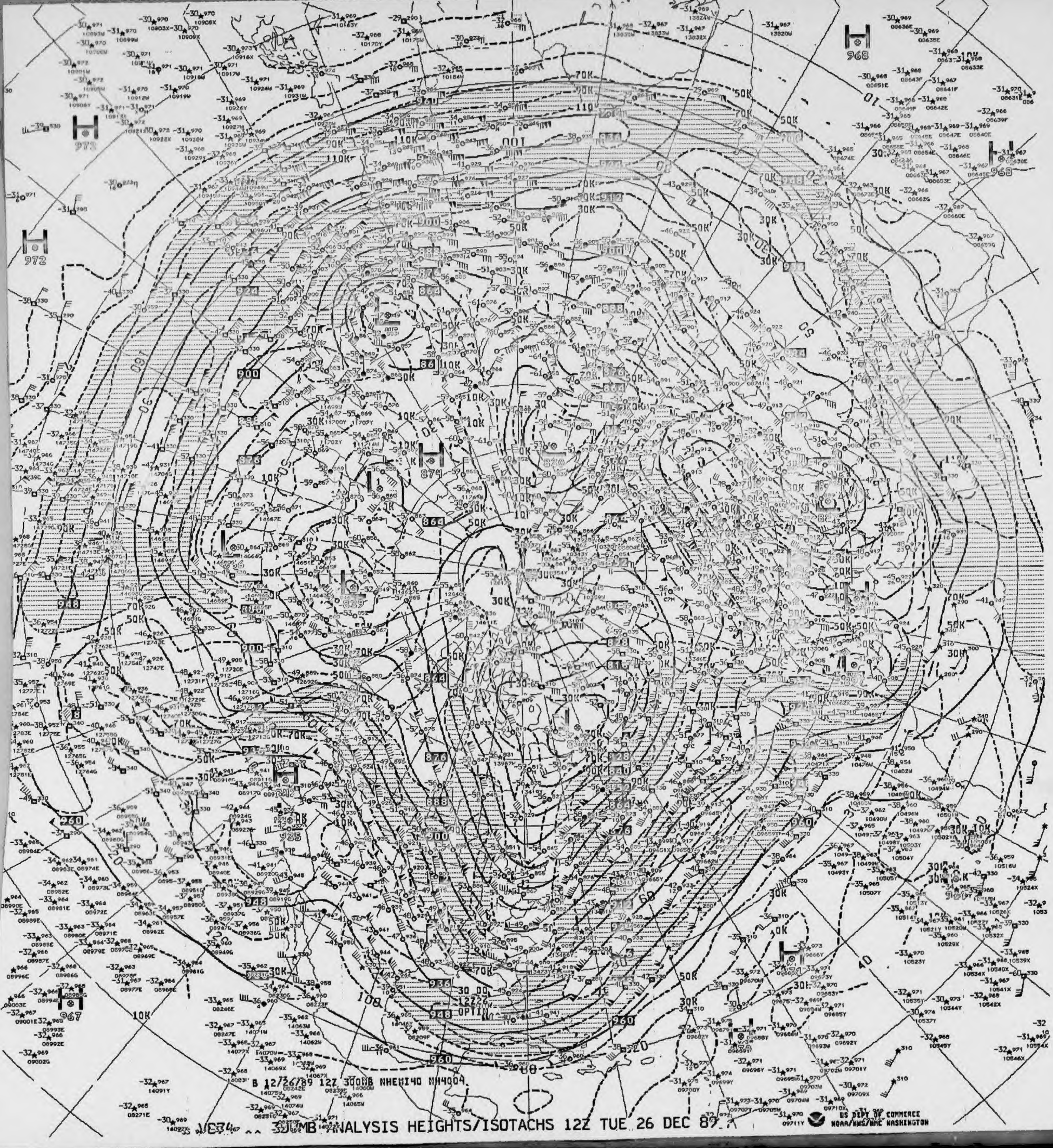
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/26/89 00Z 300MB NHEMI40 NH4004

V824 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 26 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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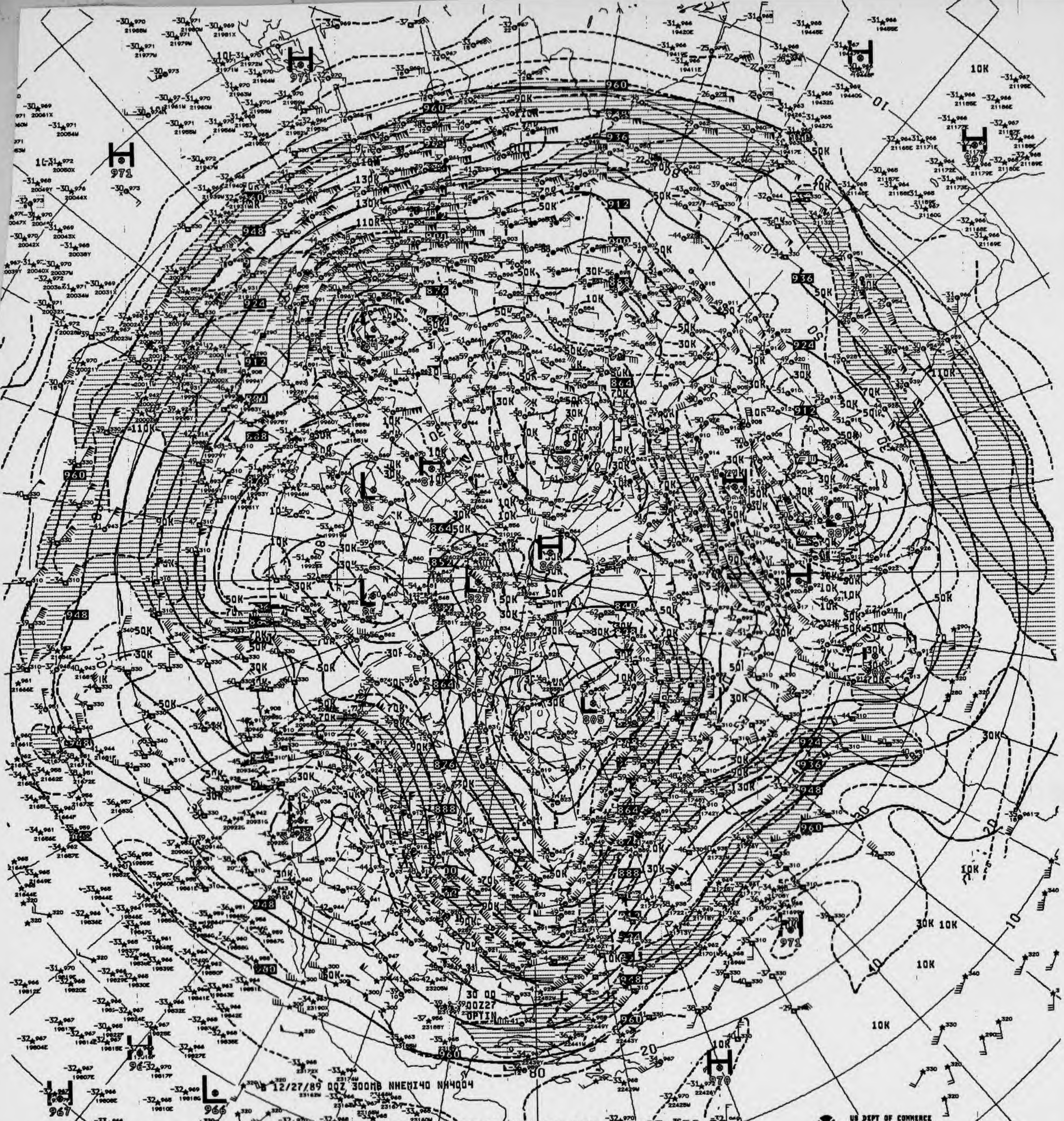
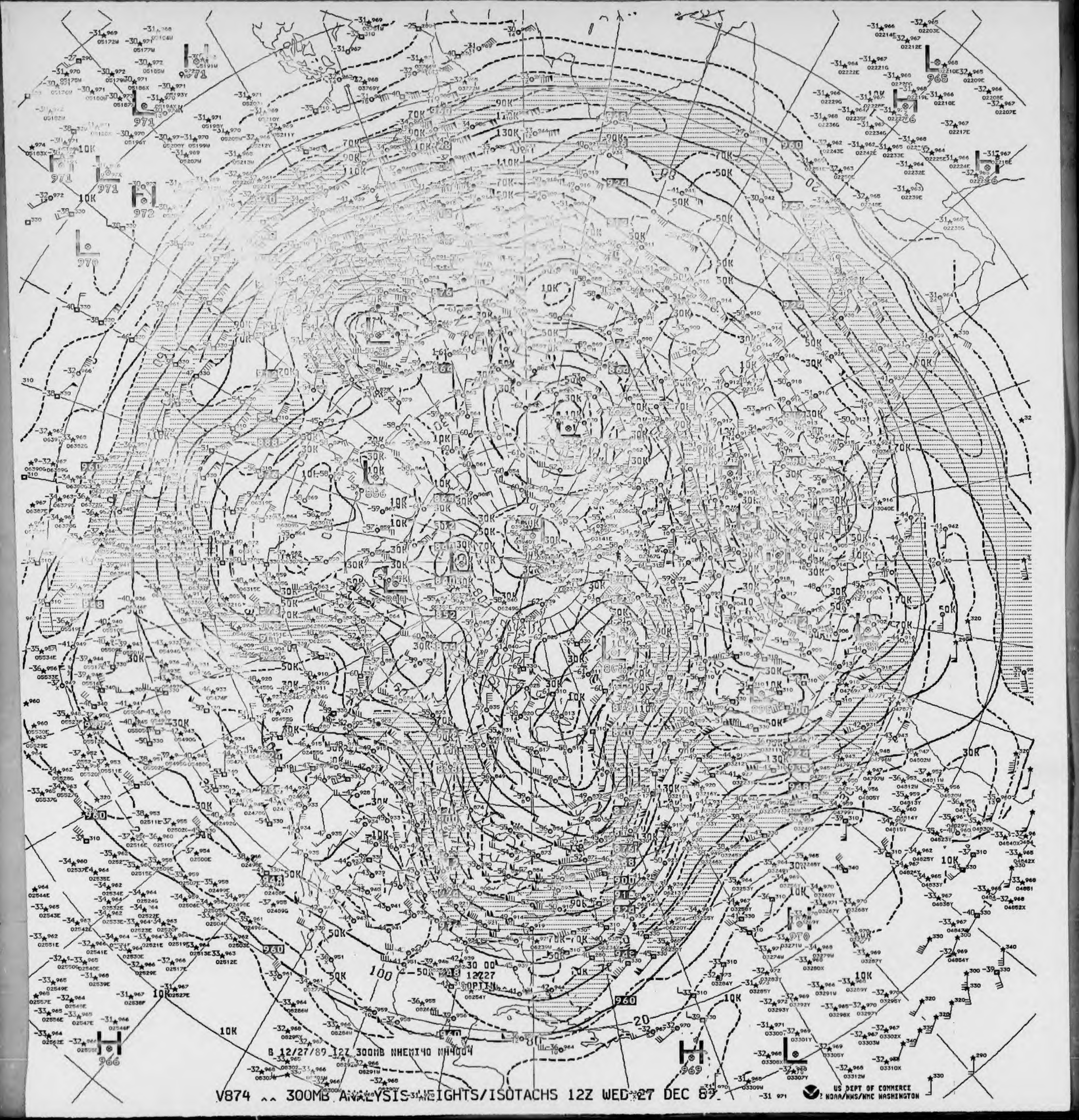
VE74 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 26 DEC 89
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


12/27/89 00Z 300MB NHEMI40 NH4004
30 00
00Z27
OPTIN
H
L
960
948
936
924
912
900
888
876
864
852
840
10K
30K
50K
70K
90K
110K
130K

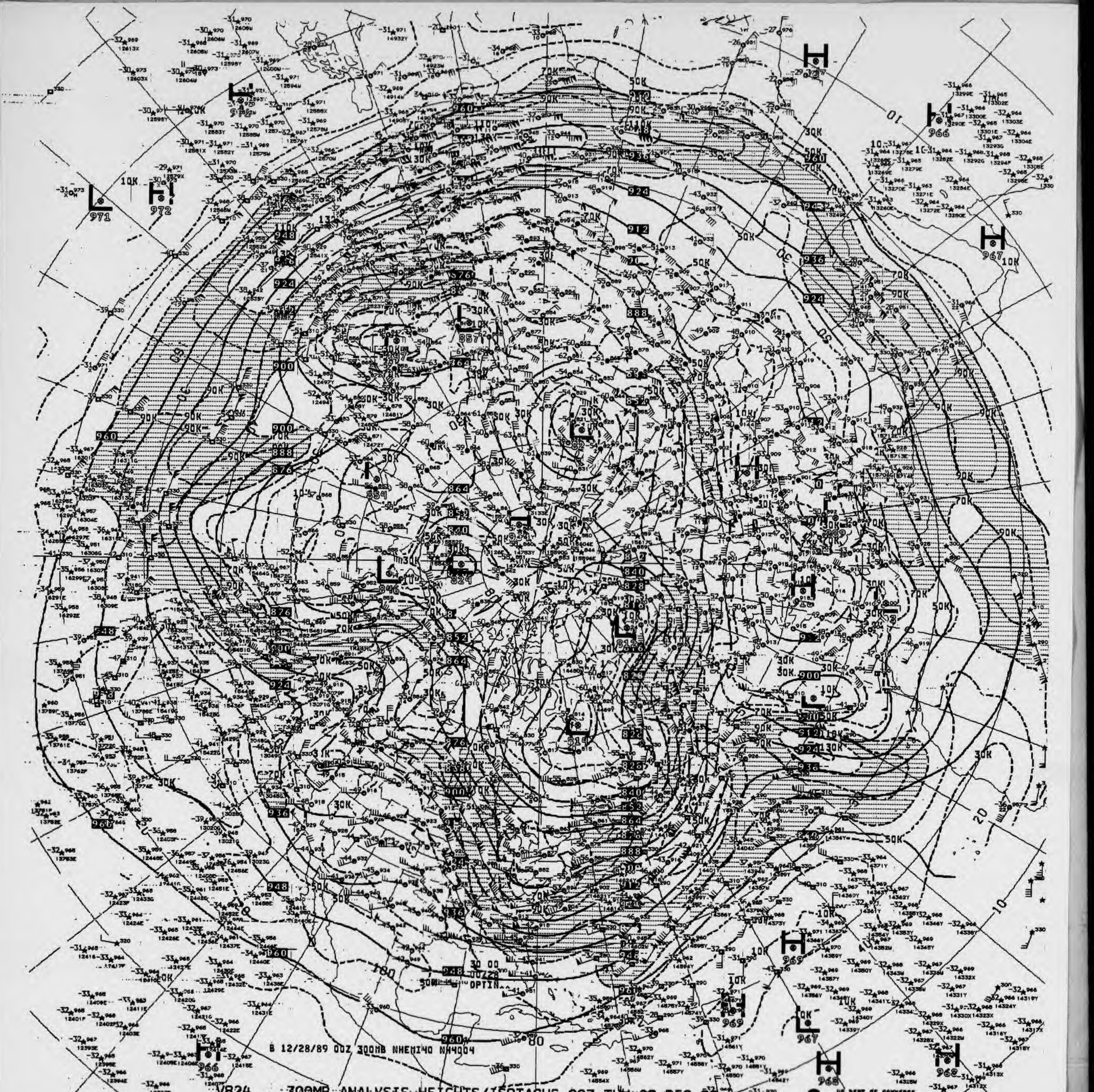
V824 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 27 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/27/89 12Z 300MB NHEMI40 NH4004
10K
20
30K
50K
70K
90K
100
110K
130K
H
L
960
969
966
970
971
972

V874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 27 DEC 89

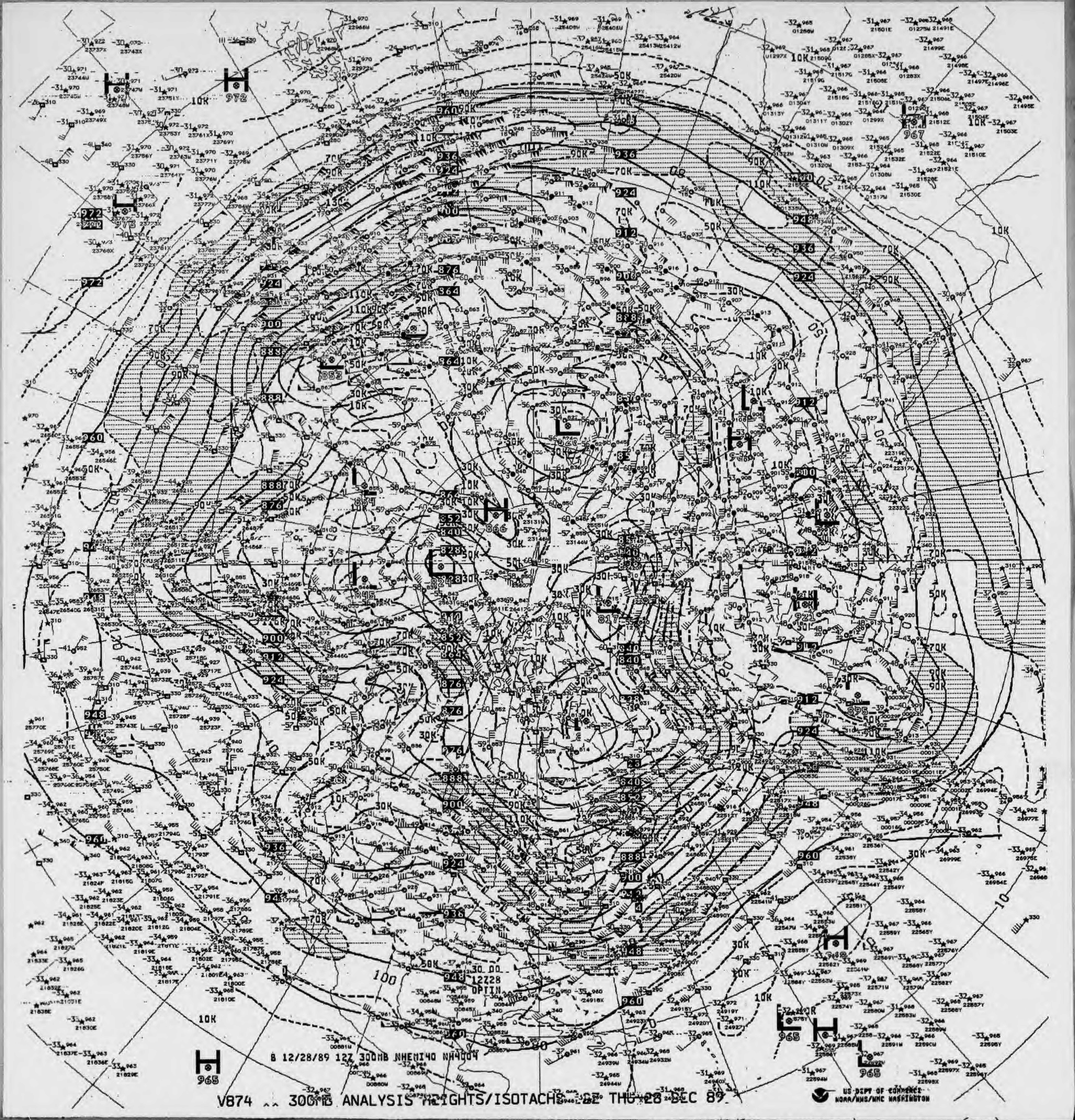
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/28/89 00Z 300MB NHEMI40 NH4004

V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 28 DEC 89

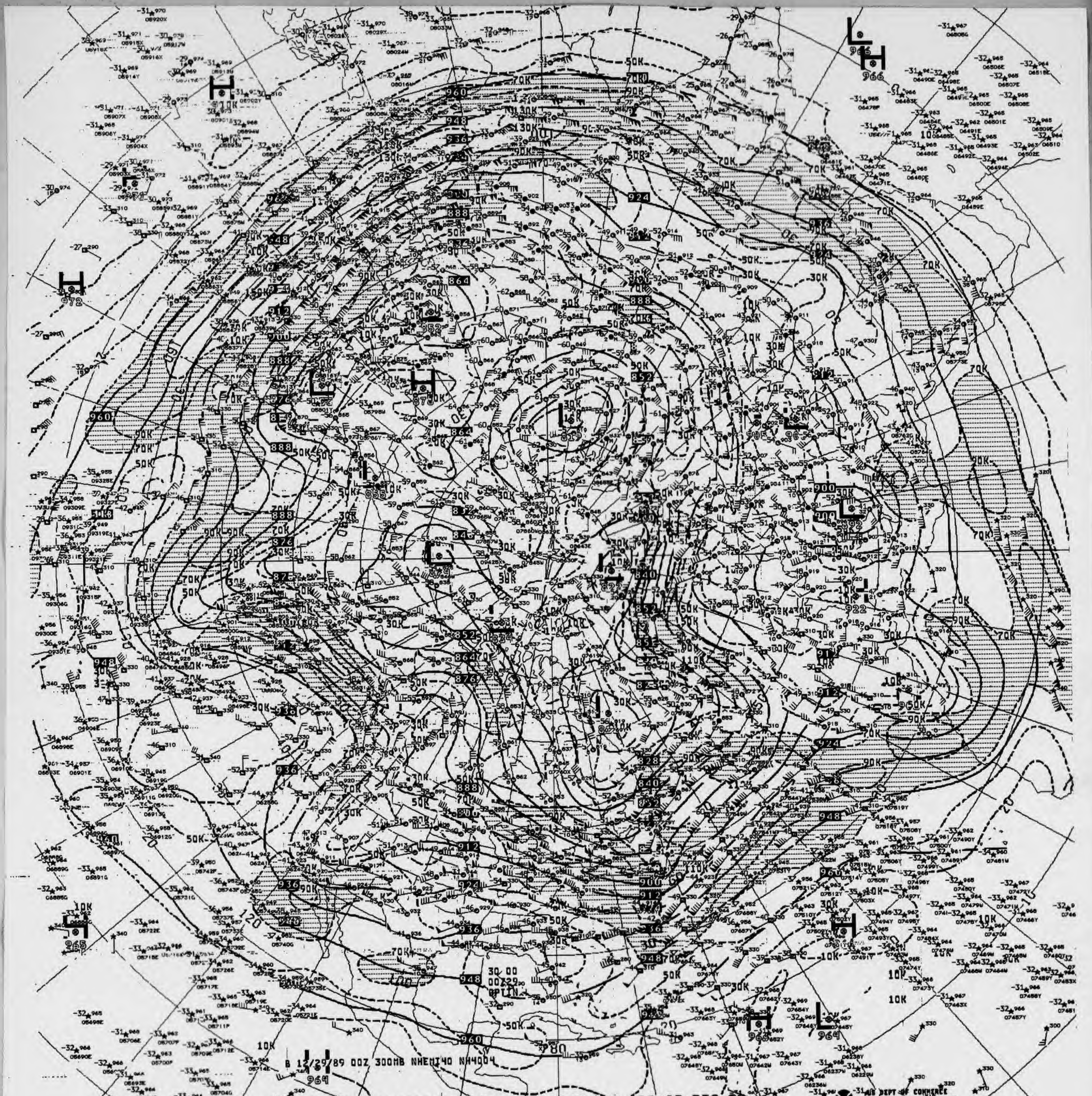
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



8 12/28/89 12Z 300MB NHEMI40 NH4004

V874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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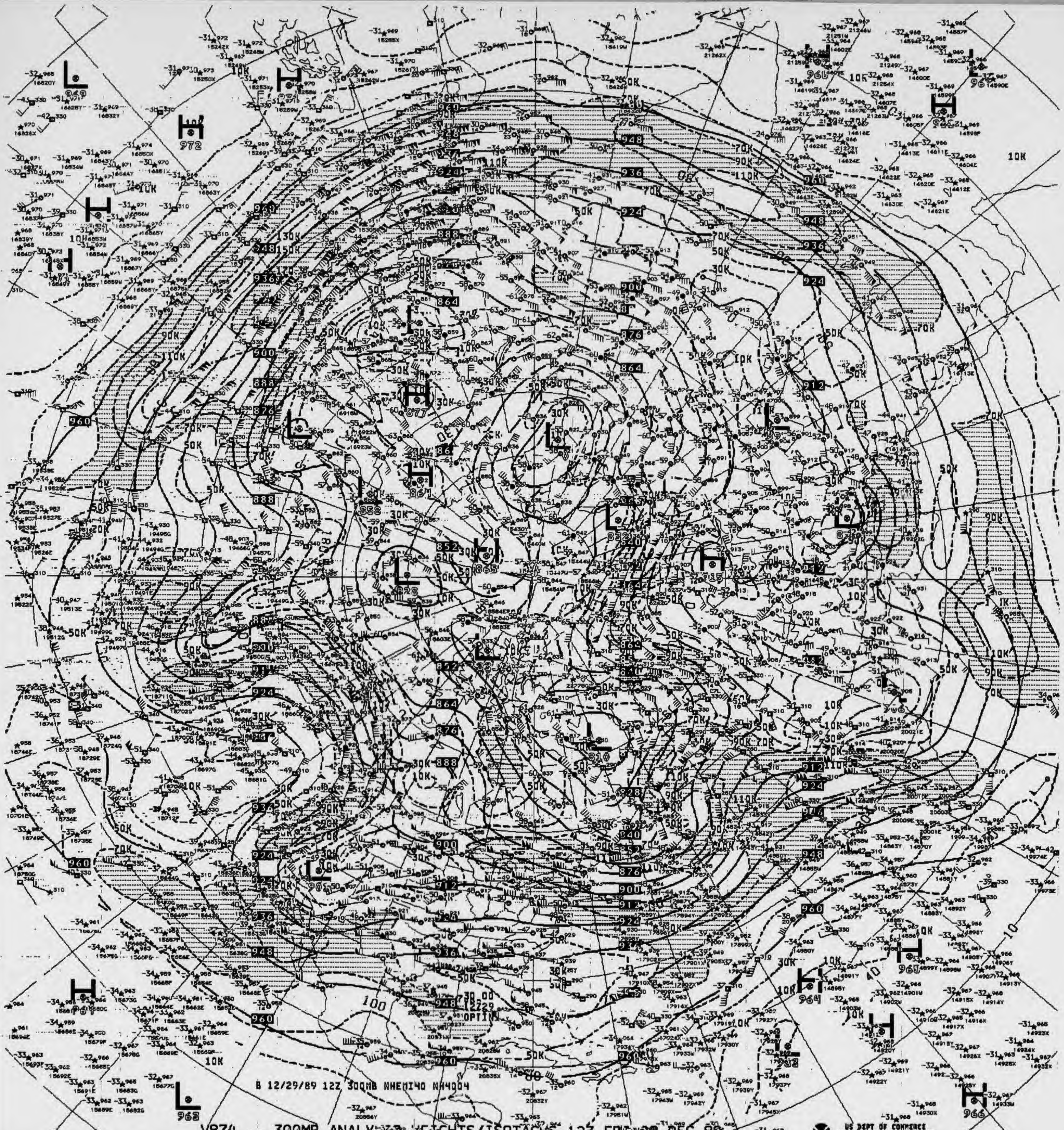
V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 29 DEC 89

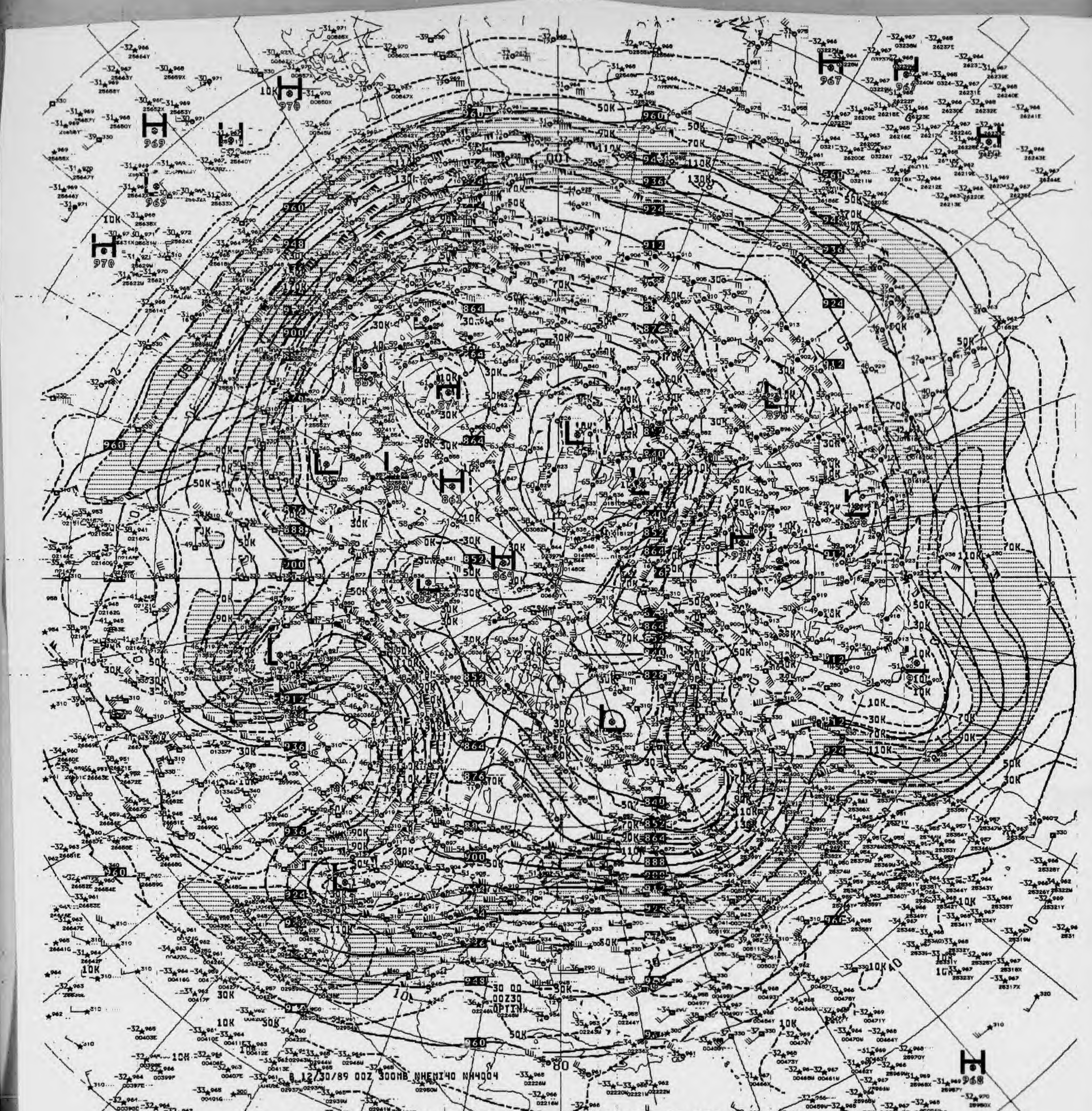
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/29/89 12Z 300MB NHEMI40 NH4004

V874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z30
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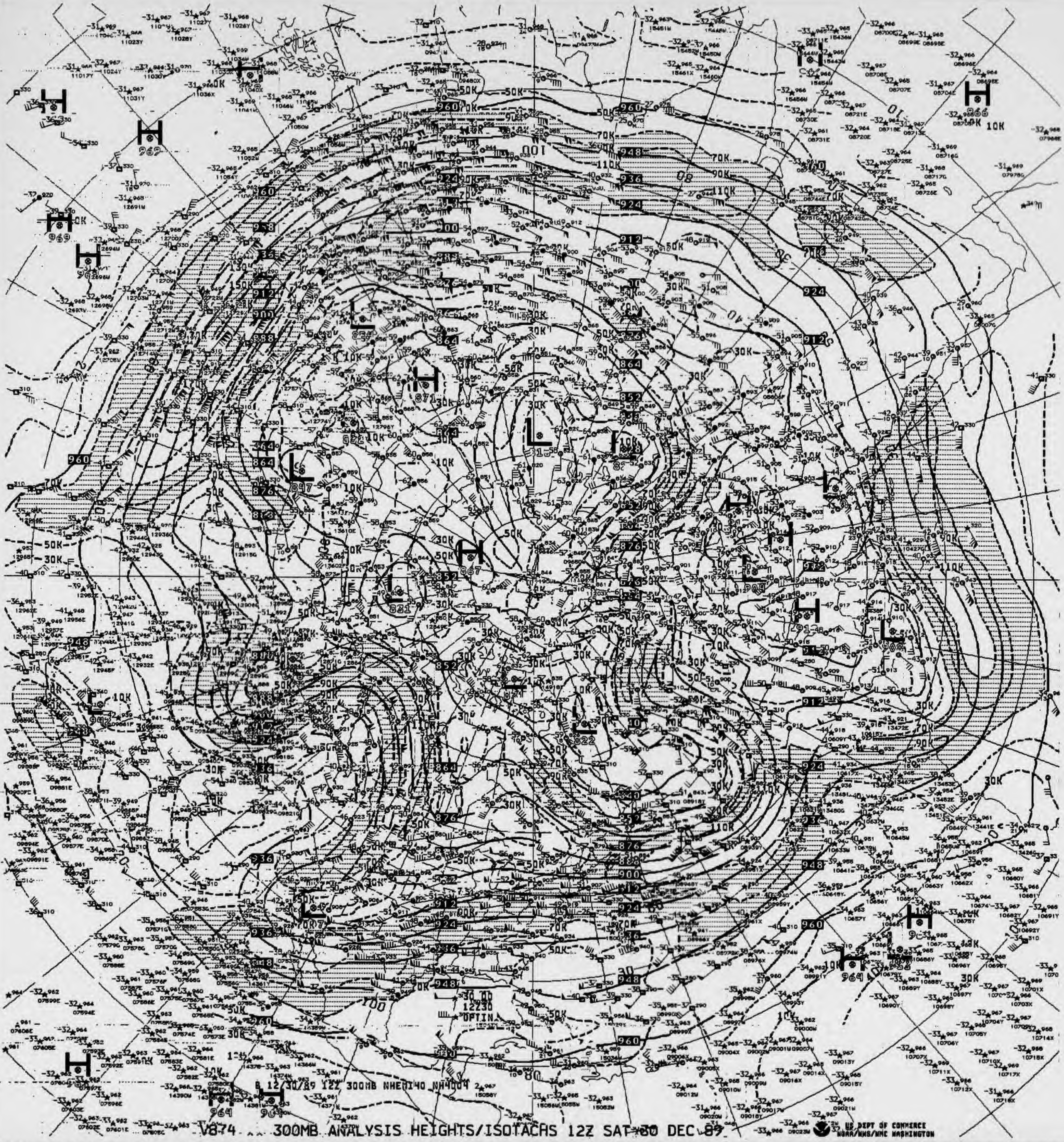
U.S. DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

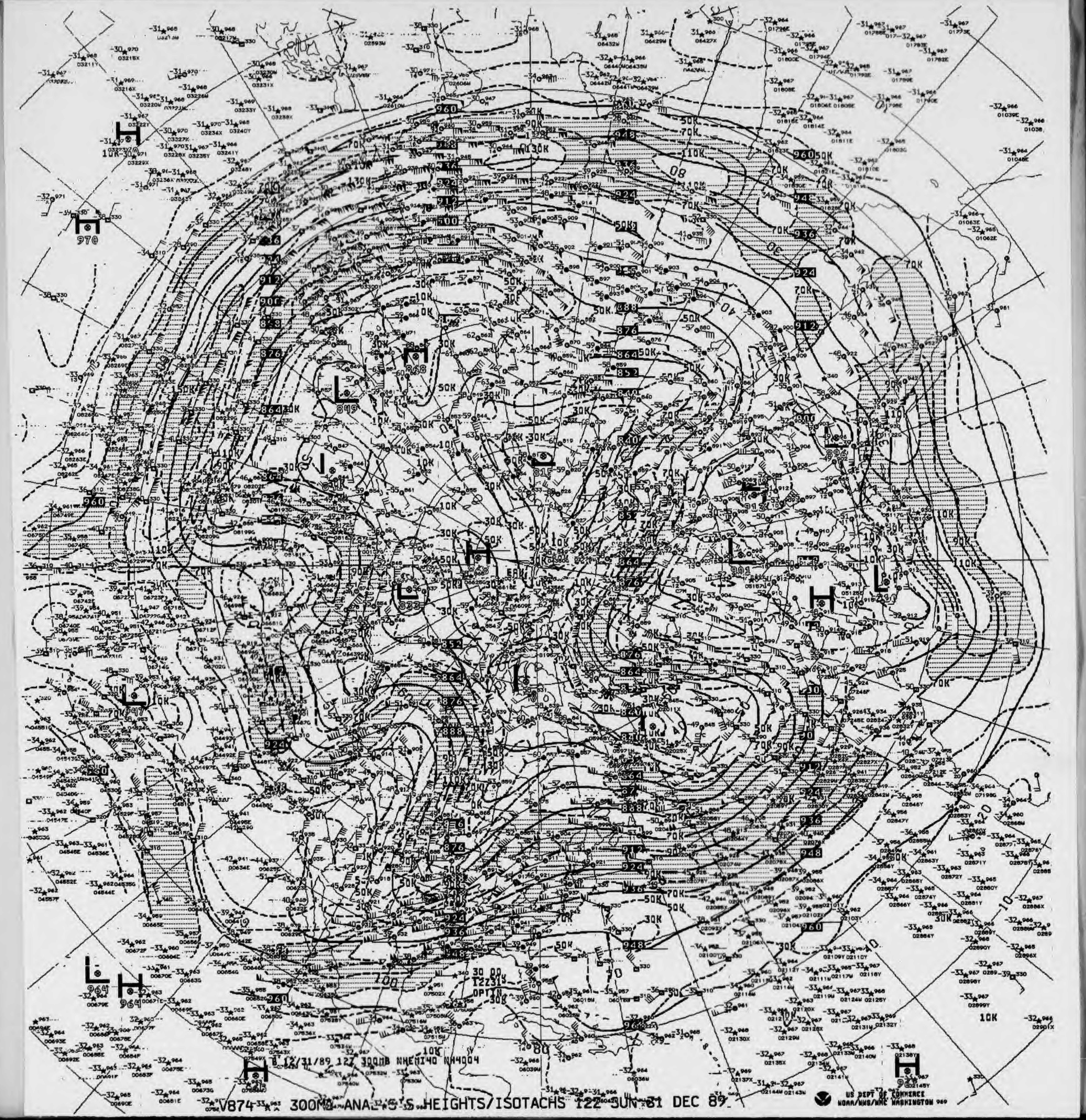
V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 30 DEC 89



B 12/30/89 12Z 300MB NHEMI40 NH4004

V874 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 30 DEC 89

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON



B 12/31/89 12Z 300MB NHEMI40 NH4004
30 00
12Z31
OPTIN
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON 969

V874 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 31 DEC 89

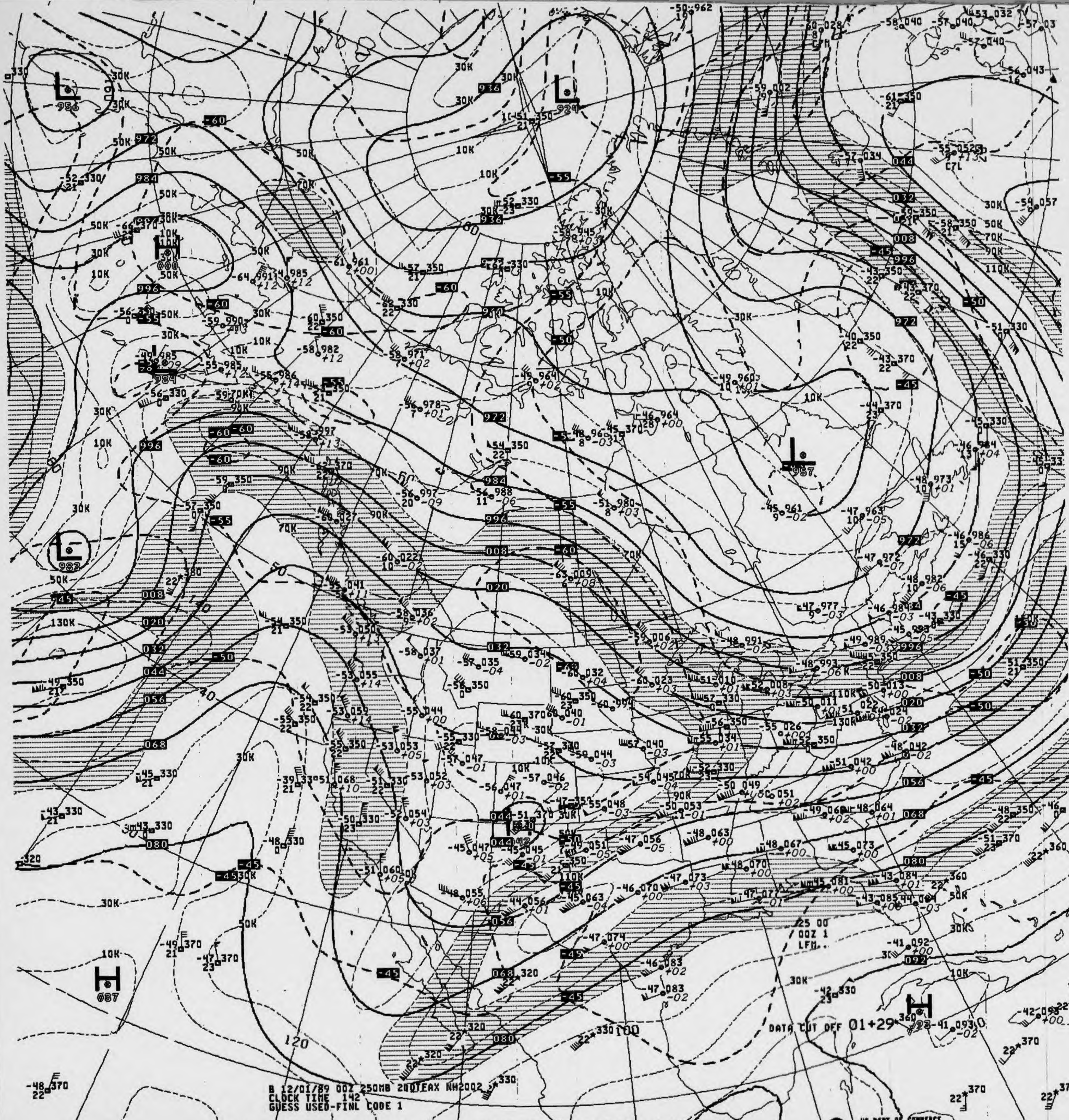
OAA Form 48 - 364A
ev. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

250 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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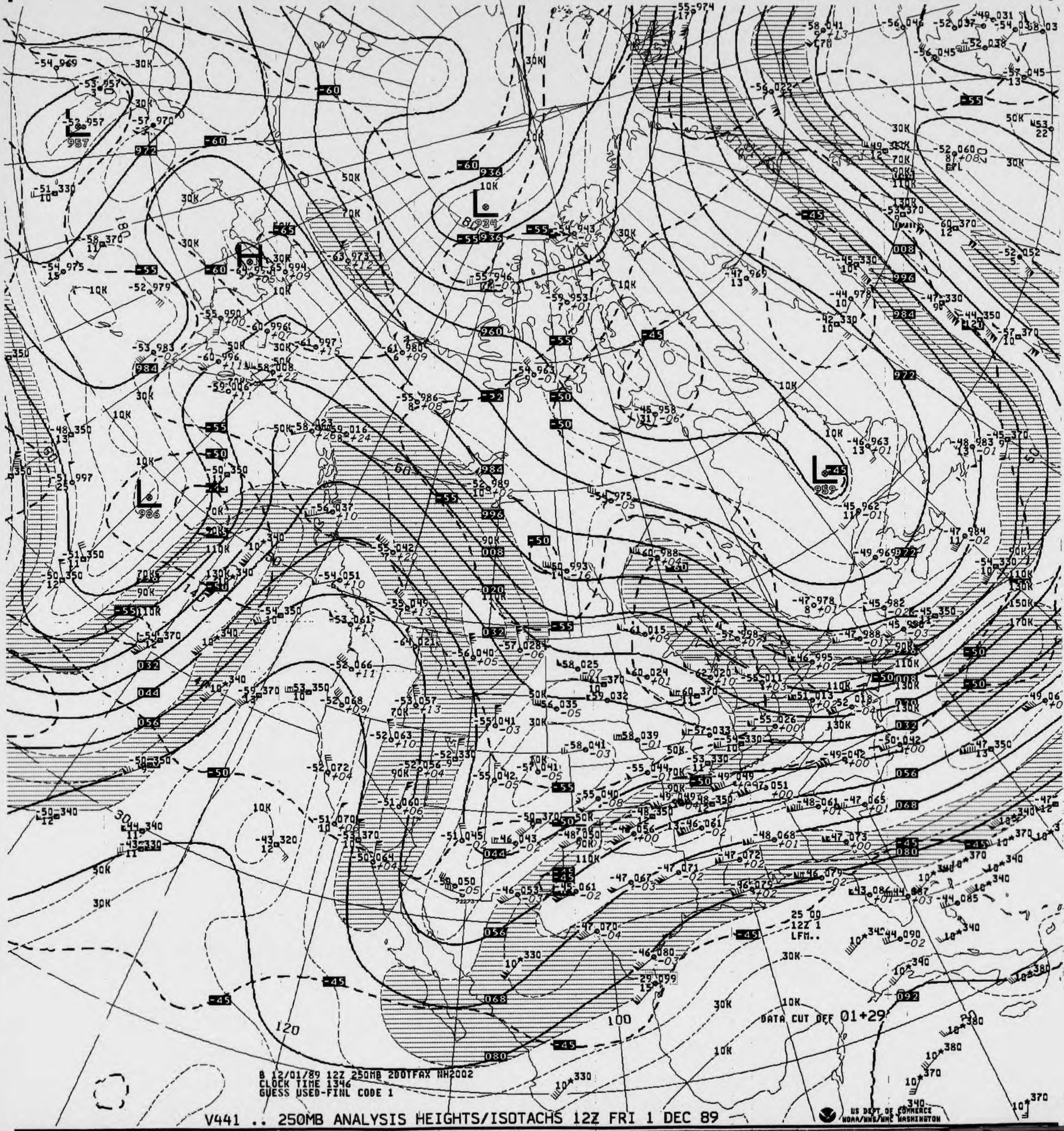
LFM.
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 12/01/89 00Z 250MB 200TEAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 1 DEC 89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LFM..
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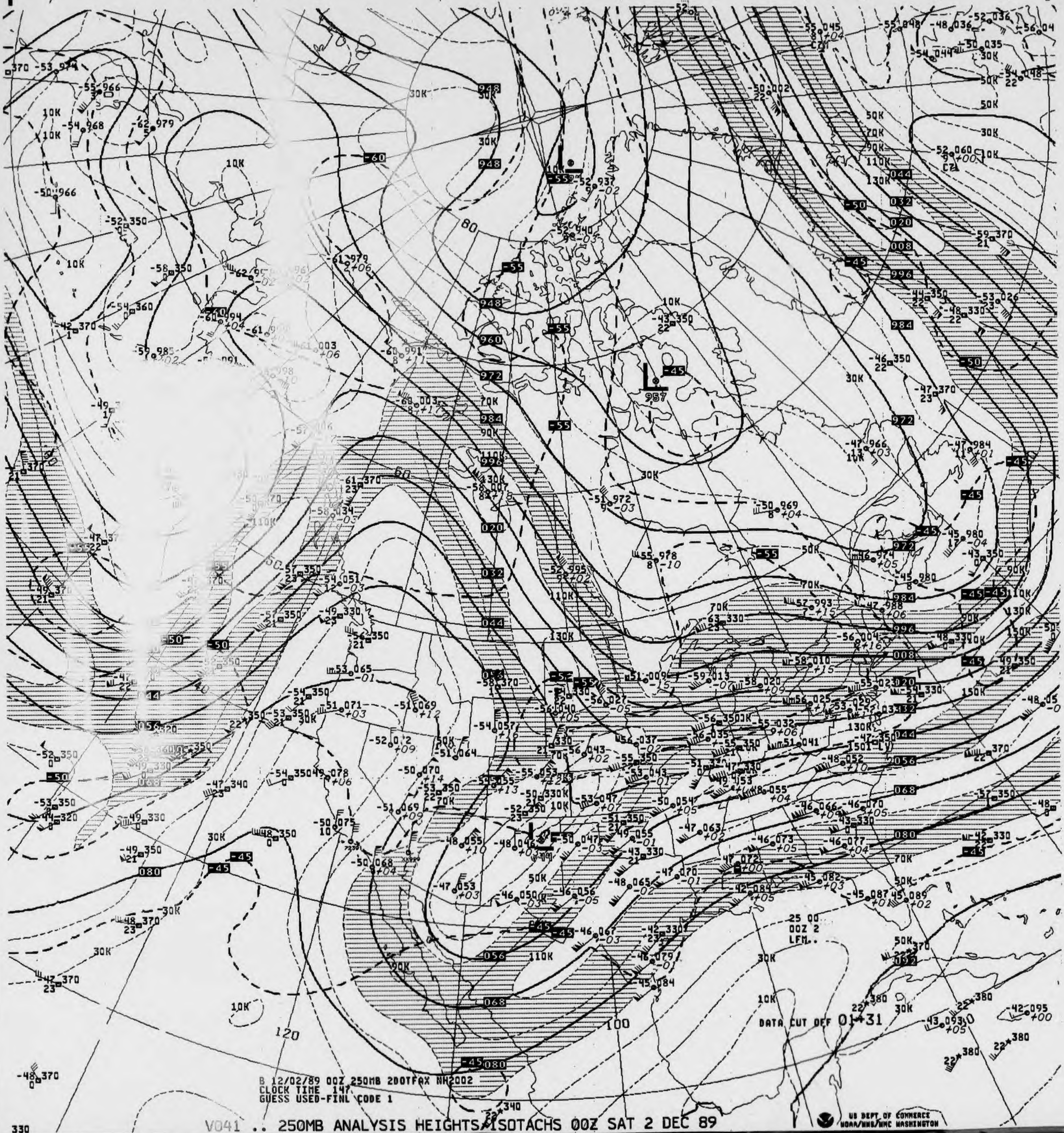
CLOCK TIME 1346
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 1 DEC 89

250MB

074

ID 2391
LAT/LONG 119W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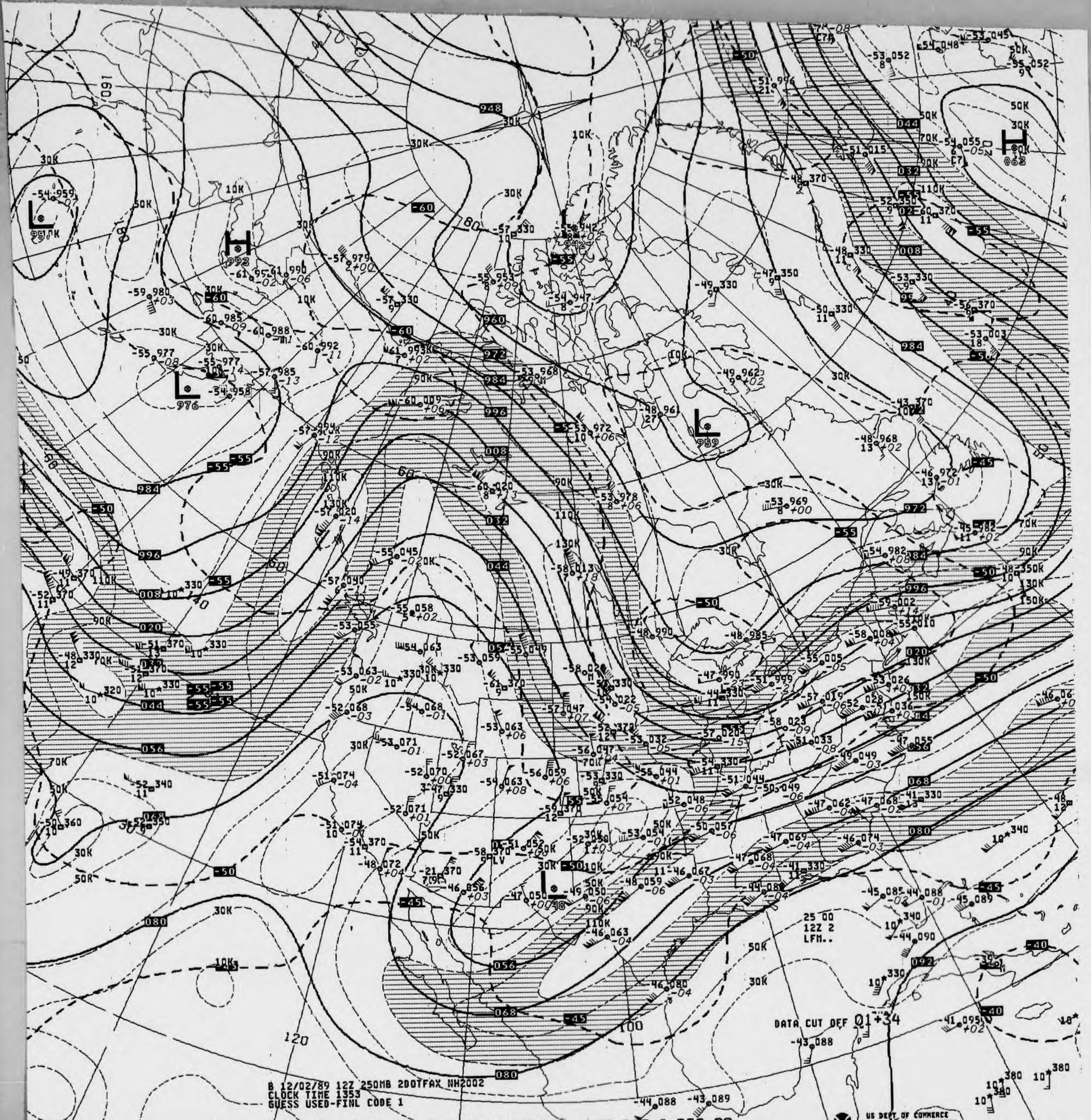
30K
50K
70K
90K
110K
130K
150K
60
80
100
120
948
960
972
984
996
008
020
032
044
056
068
080
-45
-50
-55
-60
DATA CUT OFF 01431
25 00
00Z 2
LFM..

B 12/02/89 00Z 250MB 200TFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

330

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 2 DEC 89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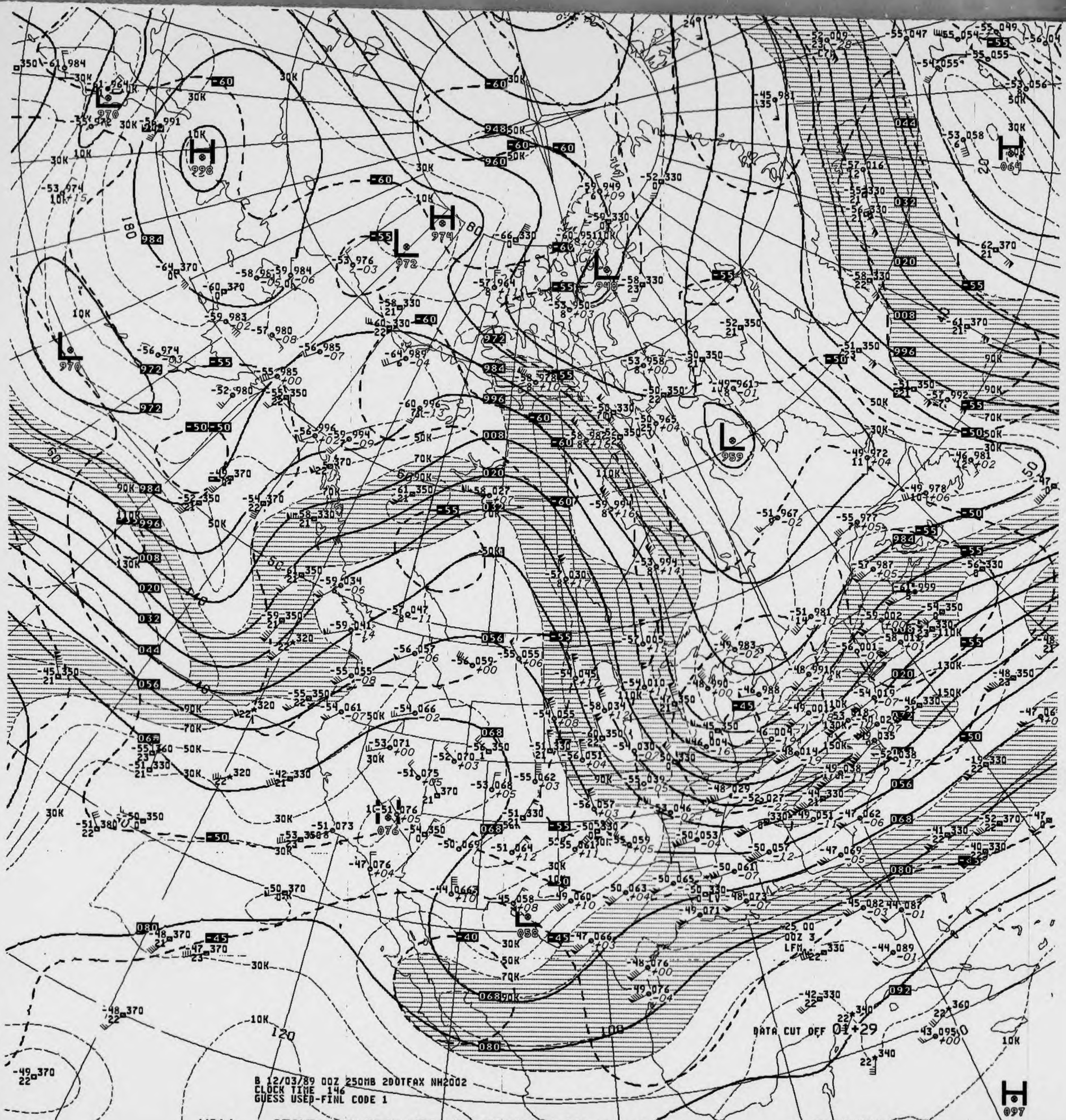
CLOCK TIME 1353
GUESS USED-FINL CODE 1
DATA CUT OFF 01+34
25 00
12Z 2
LFM..
948
960
972
984
996
008
020
032
044
056
068
080
092
-60
-55
-50
-45
-40
10K
30K
50K
70K
90K
110K
130K
150K
H
L
993
976
959
063
100
120
140
160
180

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 2 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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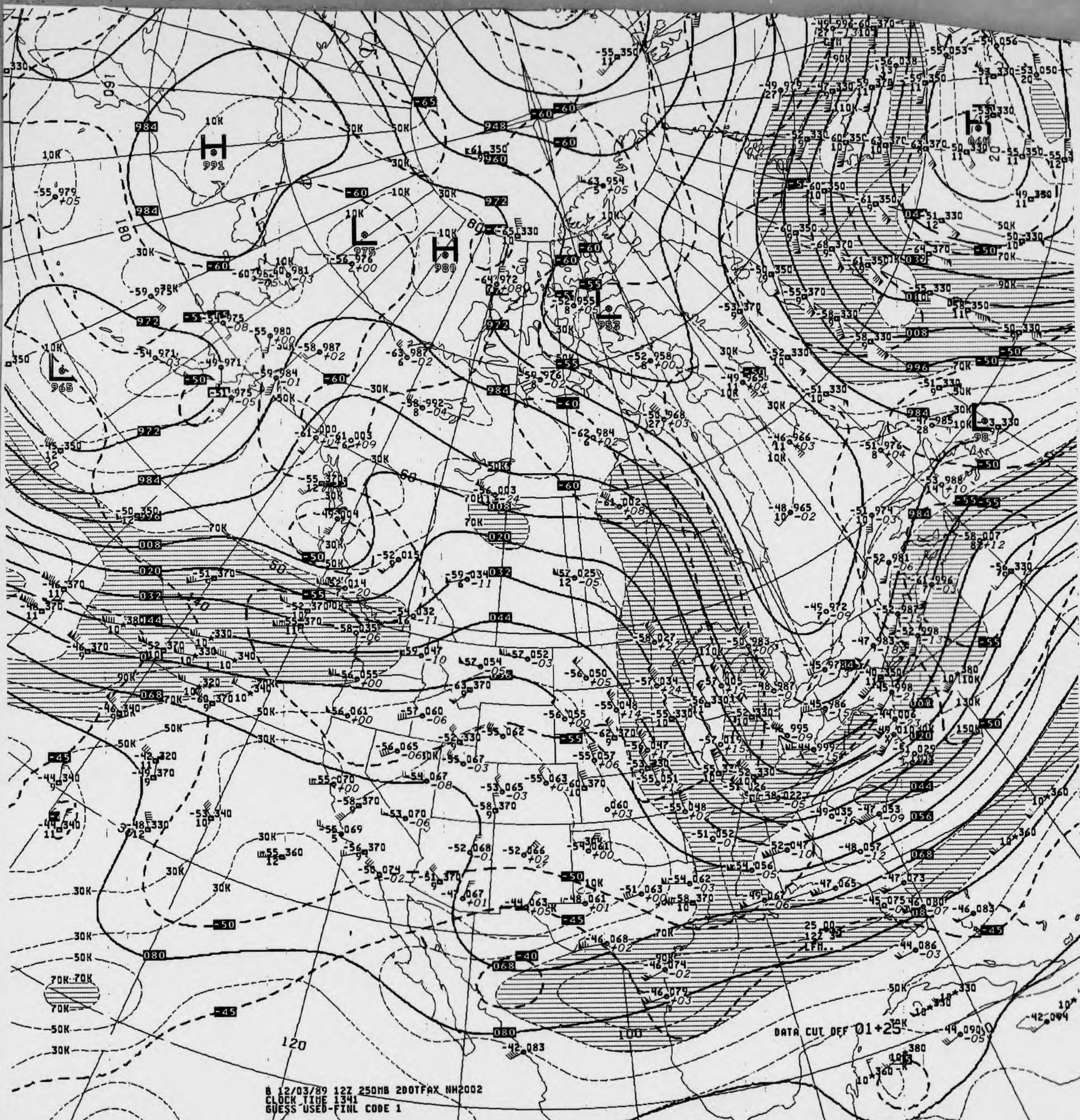
CLOCK TIME 146
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/03/89 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1341
GUESS USED-FINL CODE 1
DATA CUT OFF 01+25
H
L
984
972
960
948
008
020
032
044
056
068
080
-60
-55
-50
-45
-40
70K
50K
30K
10K
180
160
120
100
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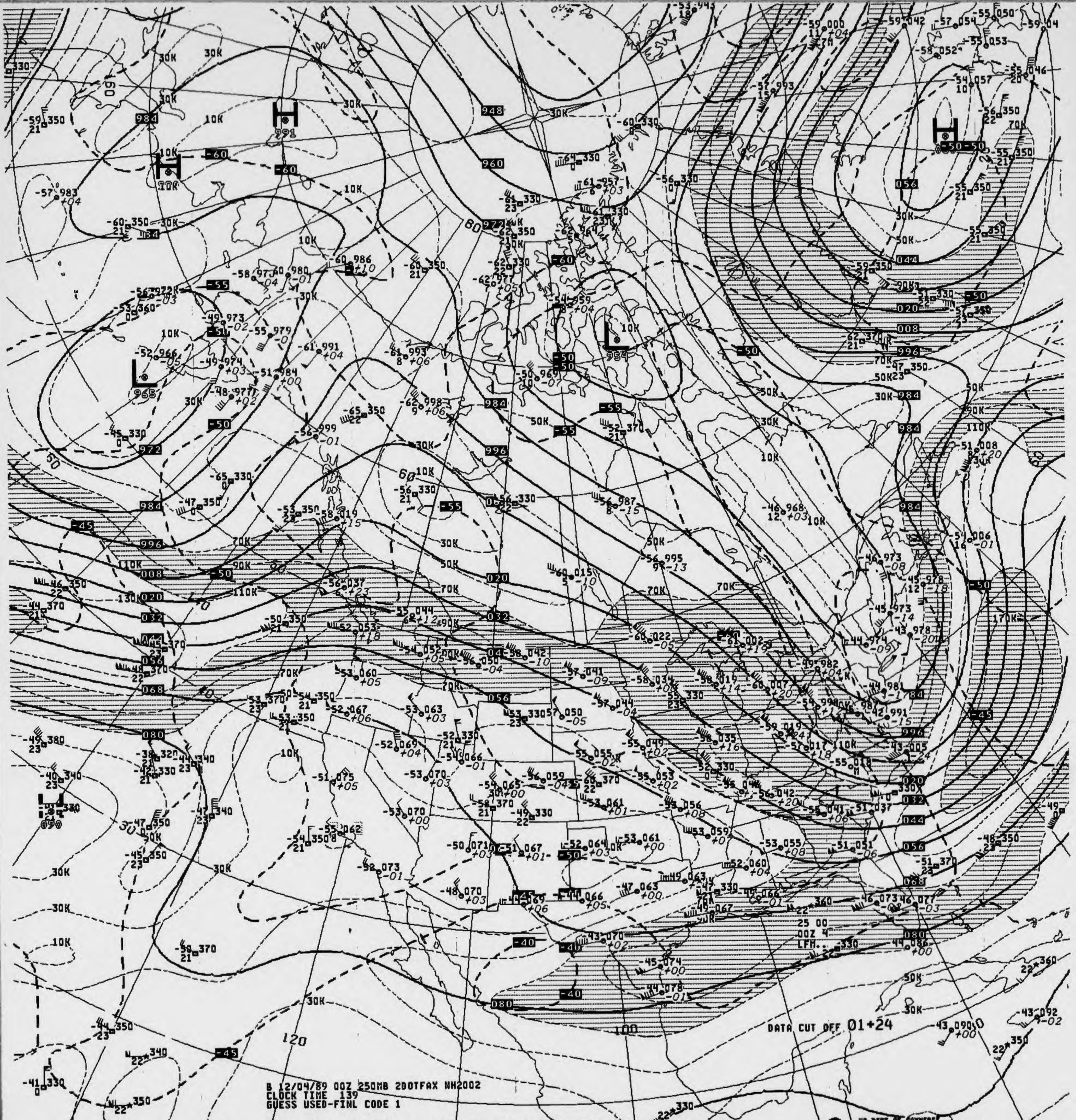
60
40
20

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/04/89 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

250MB

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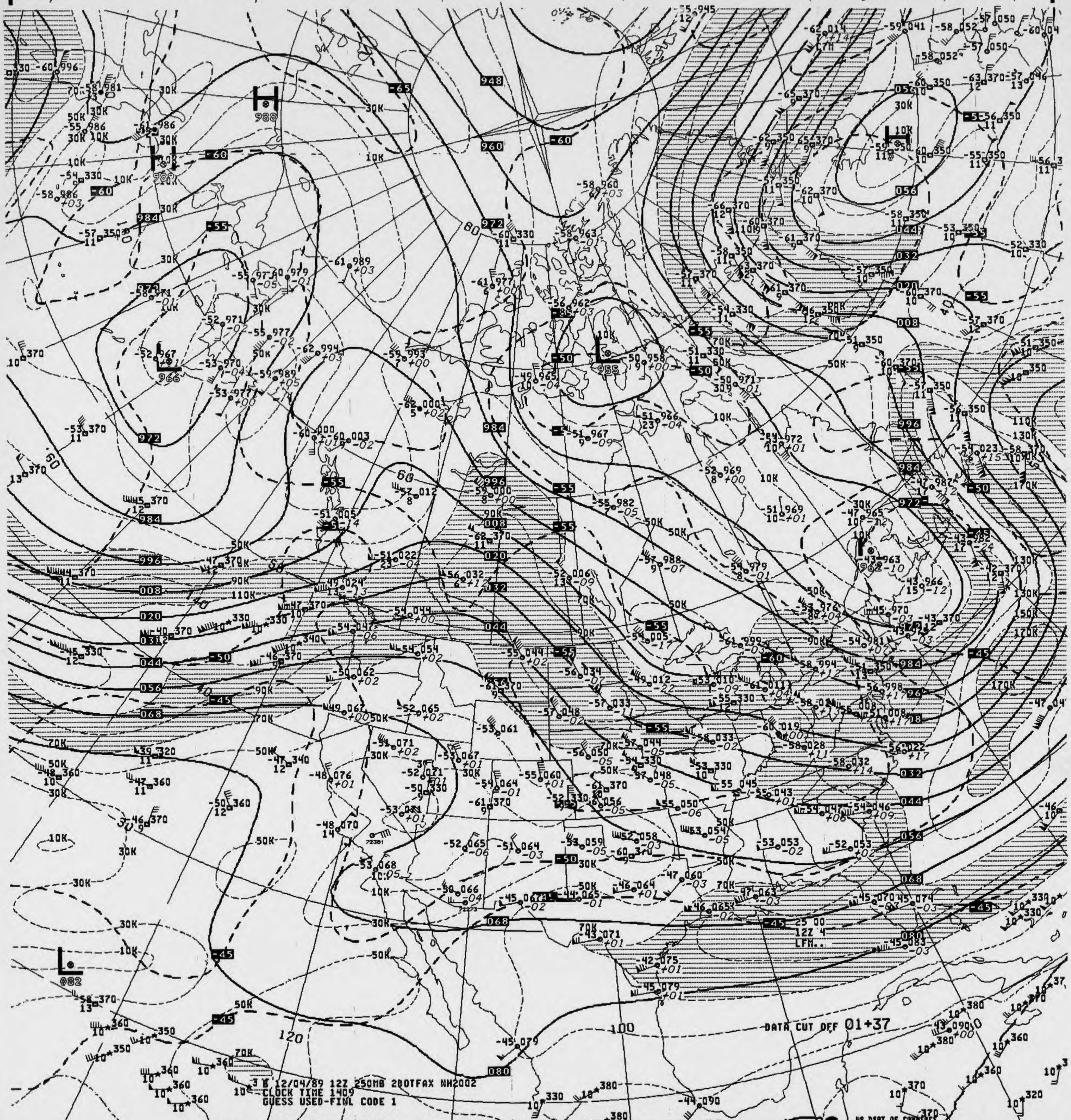
ID 72273 72381
LAT/LONG 31N110W 34N116W



988
H
L
966
955
962
082
DATA CUT OFF 01+37
25 00
12Z 4
LFM..
8 12/04/89 12Z 250MB 200TFAX NH2002
CLOCK TIME 1409
GUESS USED-FINL CODE 1
-45
-50
-55
-60
-65
948
960
972
984
996
008
020
032
044
056
068
080
10K
30K
50K
70K
90K
110K
130K
150K
170K

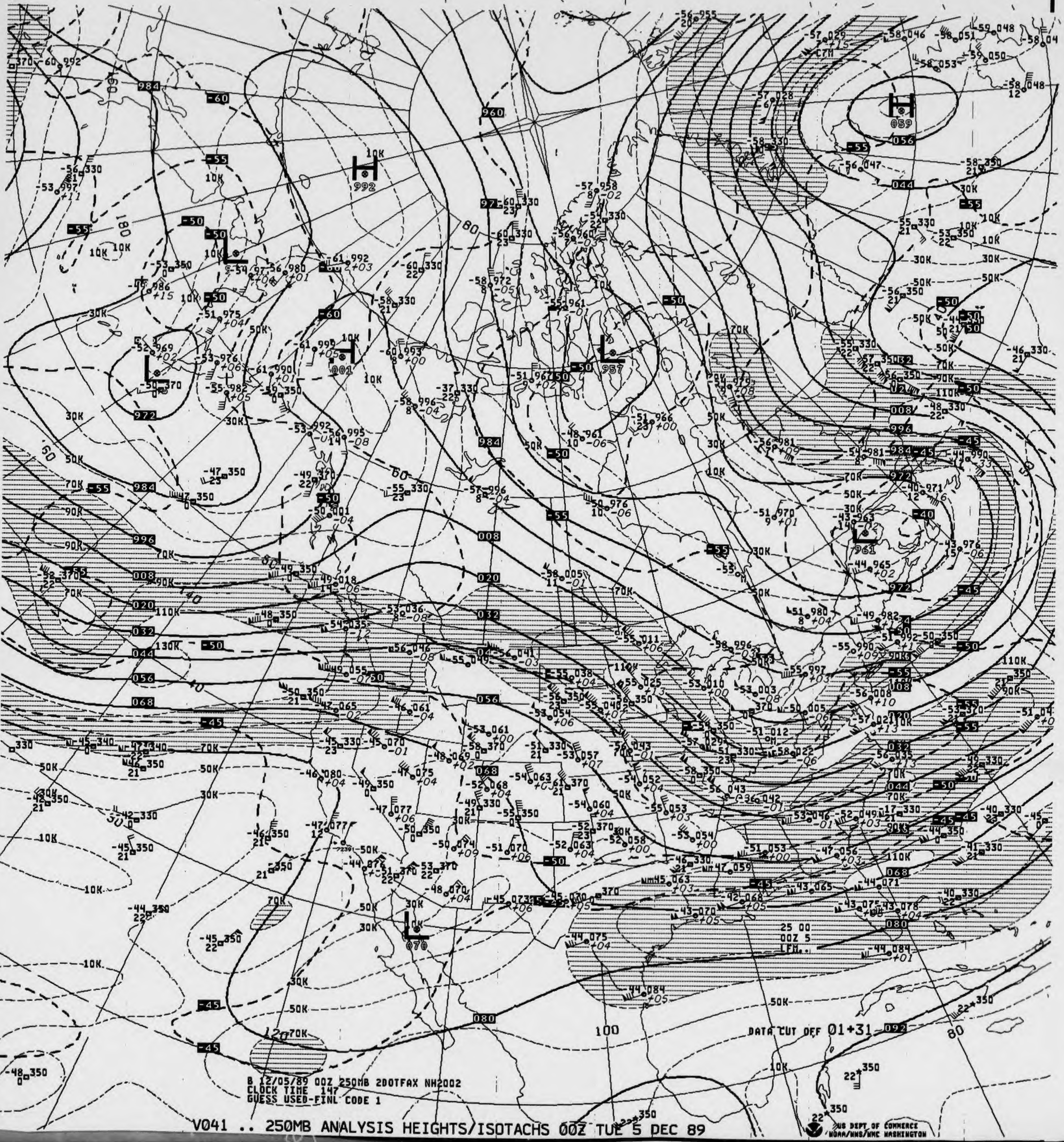
V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

250MB

-46 077

ID 72391
LAT/LONG 34N119W

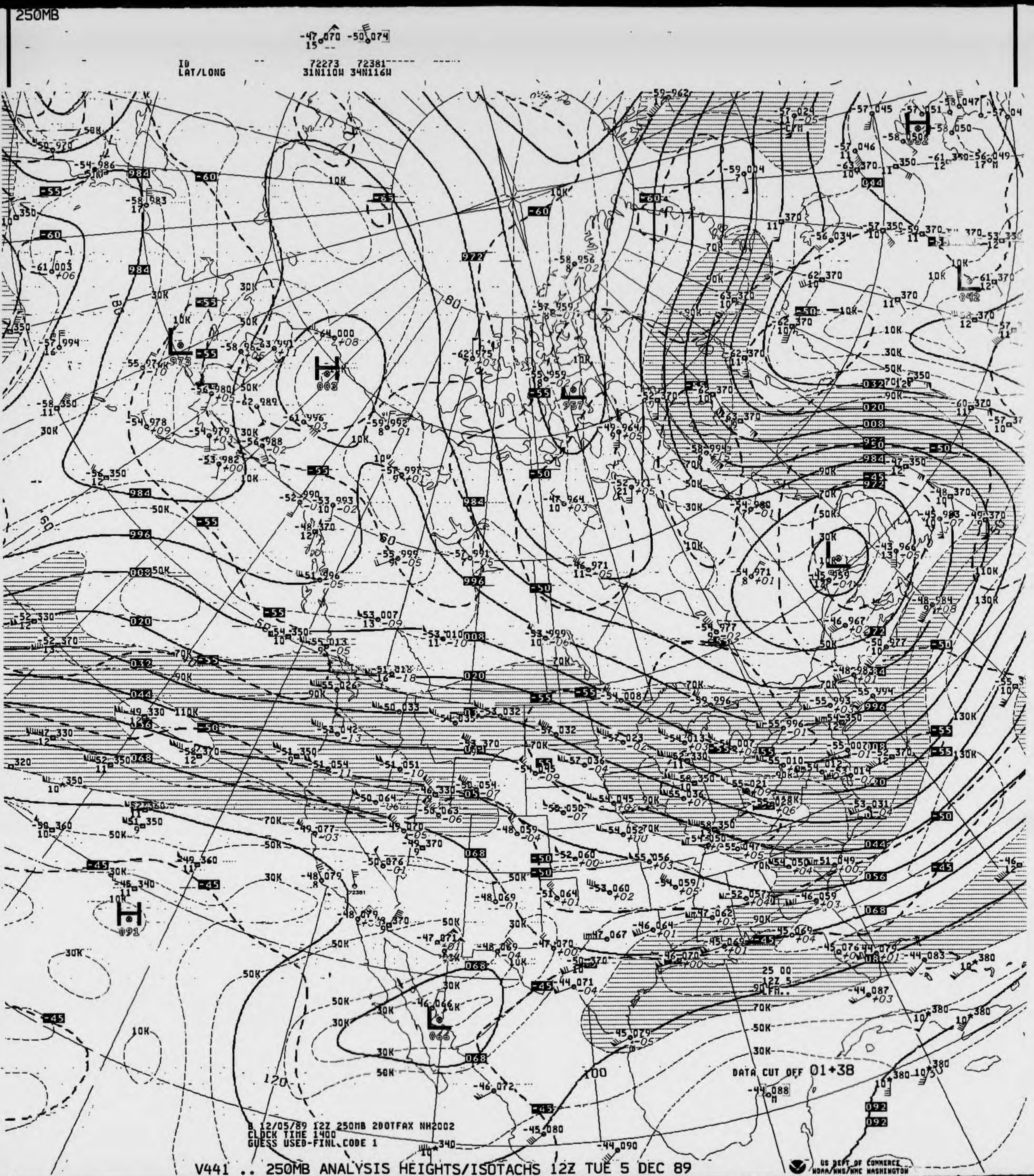


984
960
992
957
961
001
070
972
996
008
020
032
044
056
068
080
092
059
10K
30K
50K
70K
90K
110K
130K
100
80
25 00
00Z 5
LFM
DATA CUT OFF 01+31

B 12/05/89 00Z 250MB 200TFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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15
ID
LAT/LONG
72273 72381
31N110W 34N116W
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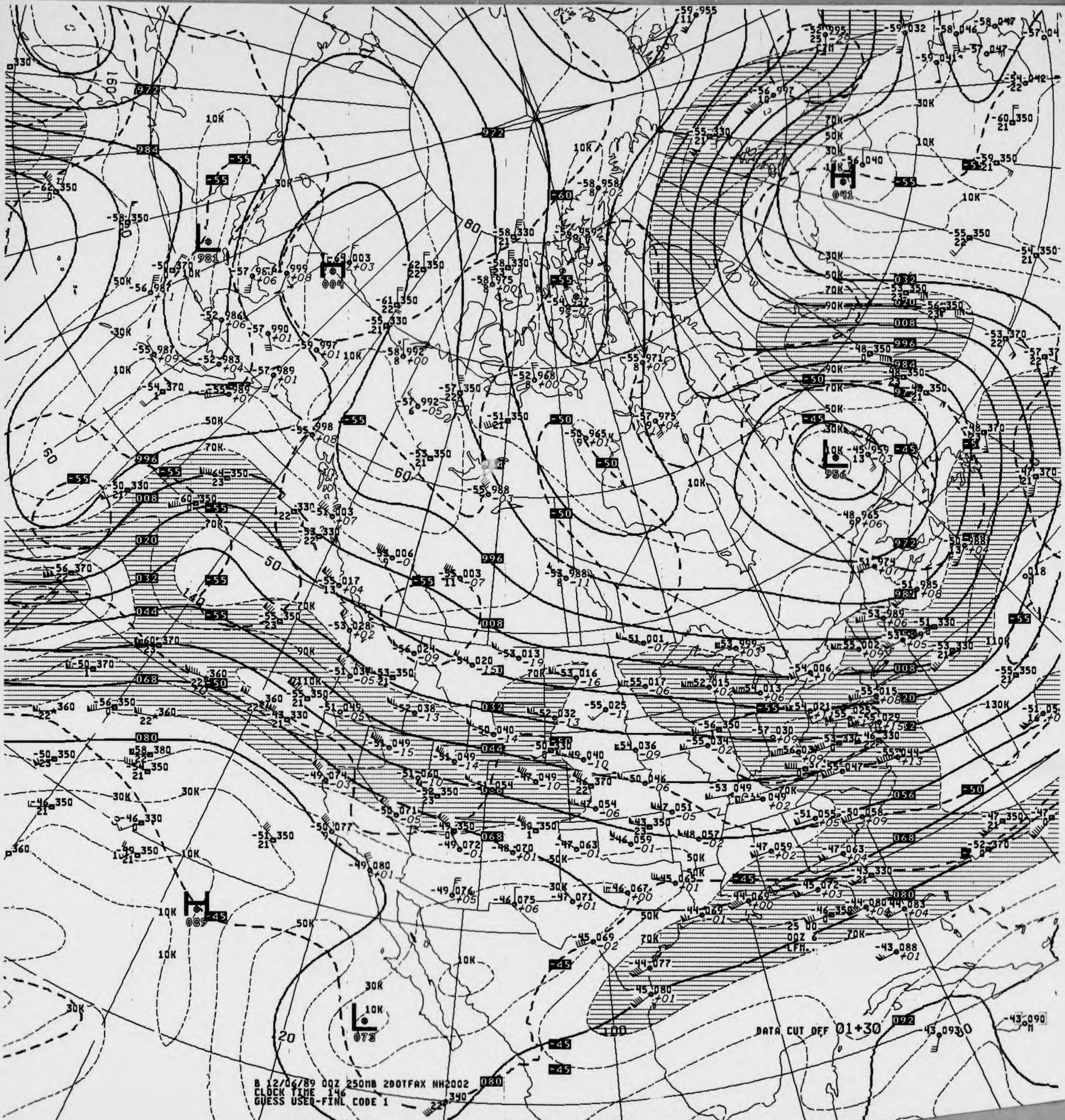
CLOCK TIME 1400
GUESS USED-FINL CODE 1
DATA CUT OFF 01+38
H
L
10K
30K
50K
70K
90K
110K
130K
984
996
008
020
032
044
056
068
092
-45
-50
-55
-60

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 146
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DATA CUT OFF 01+30
H
041
L
956
H
089
L
073
L
981
H
004

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 6 DEC 89

250MB

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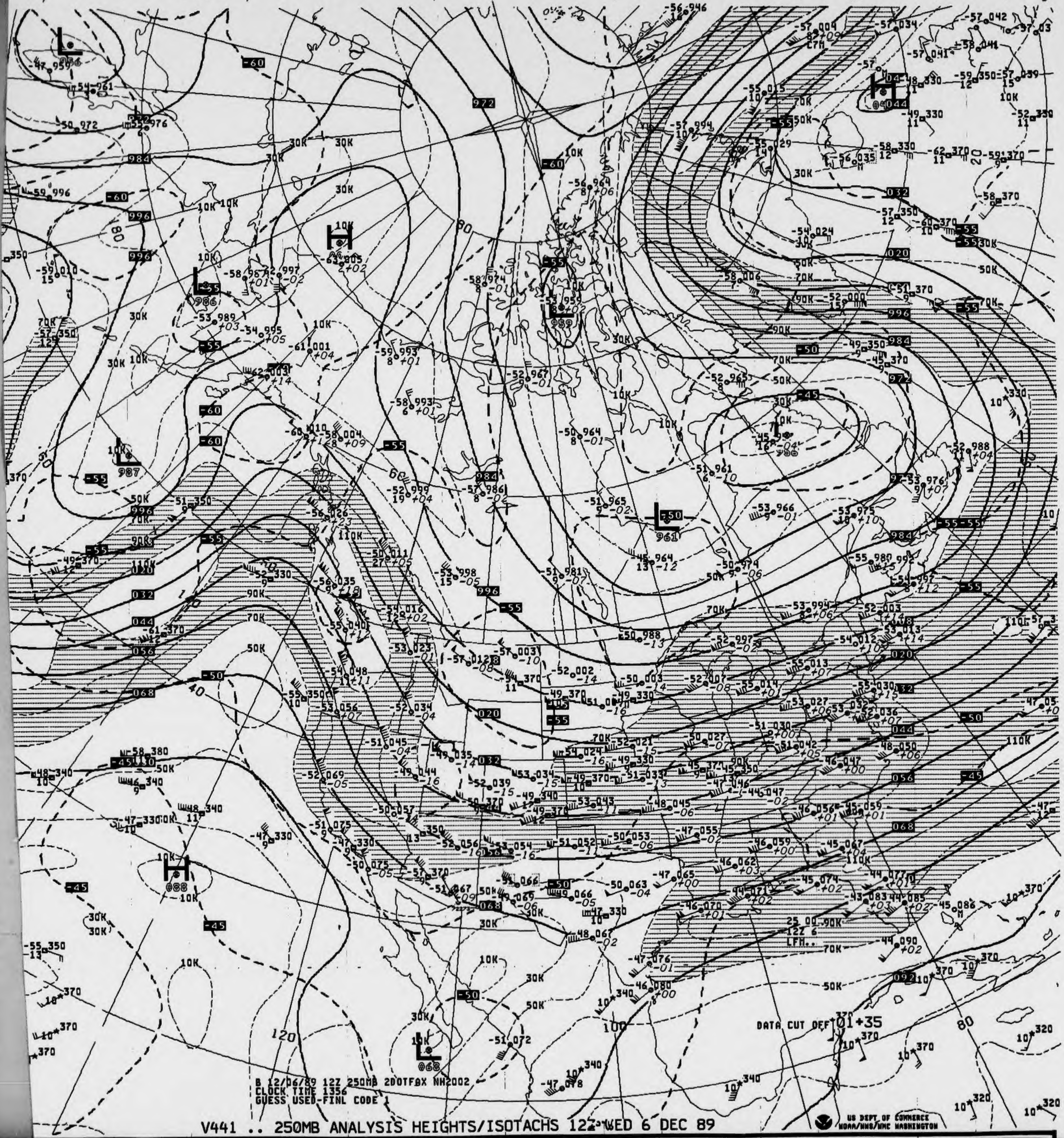
ID 72273
LAT/LONG 31N110W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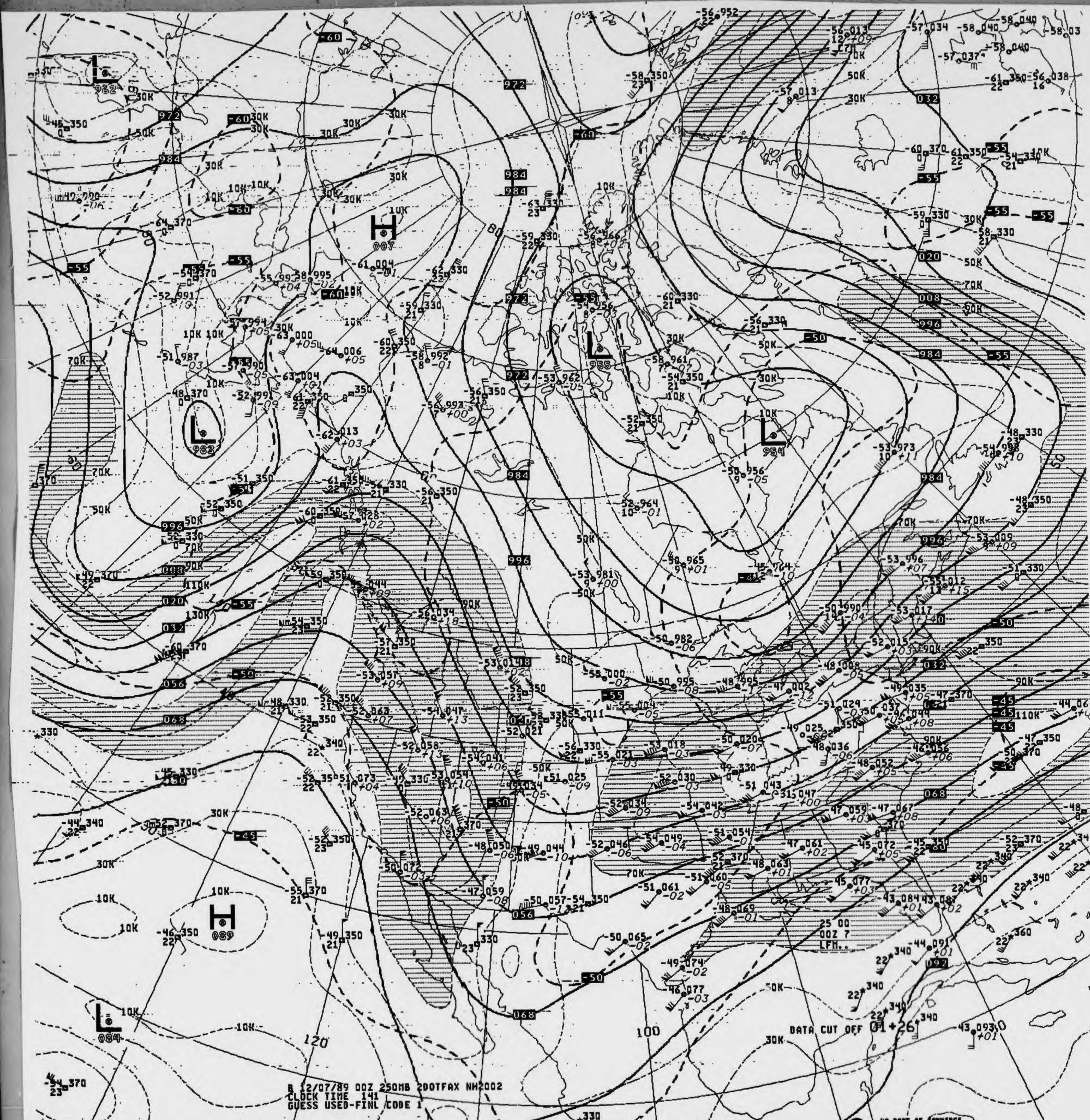
V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 6 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/07/89 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 141
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DATA CUT OFF 01+26
25 00
00Z 7
LFM..
H
007
H
089
L
982
L
983
L
955
L
954
L
084
972
984
996
008
020
032
056
068
092
-60
-55
-50
-45
10K
30K
50K
70K
90K
110K
130K
80
90
100
120

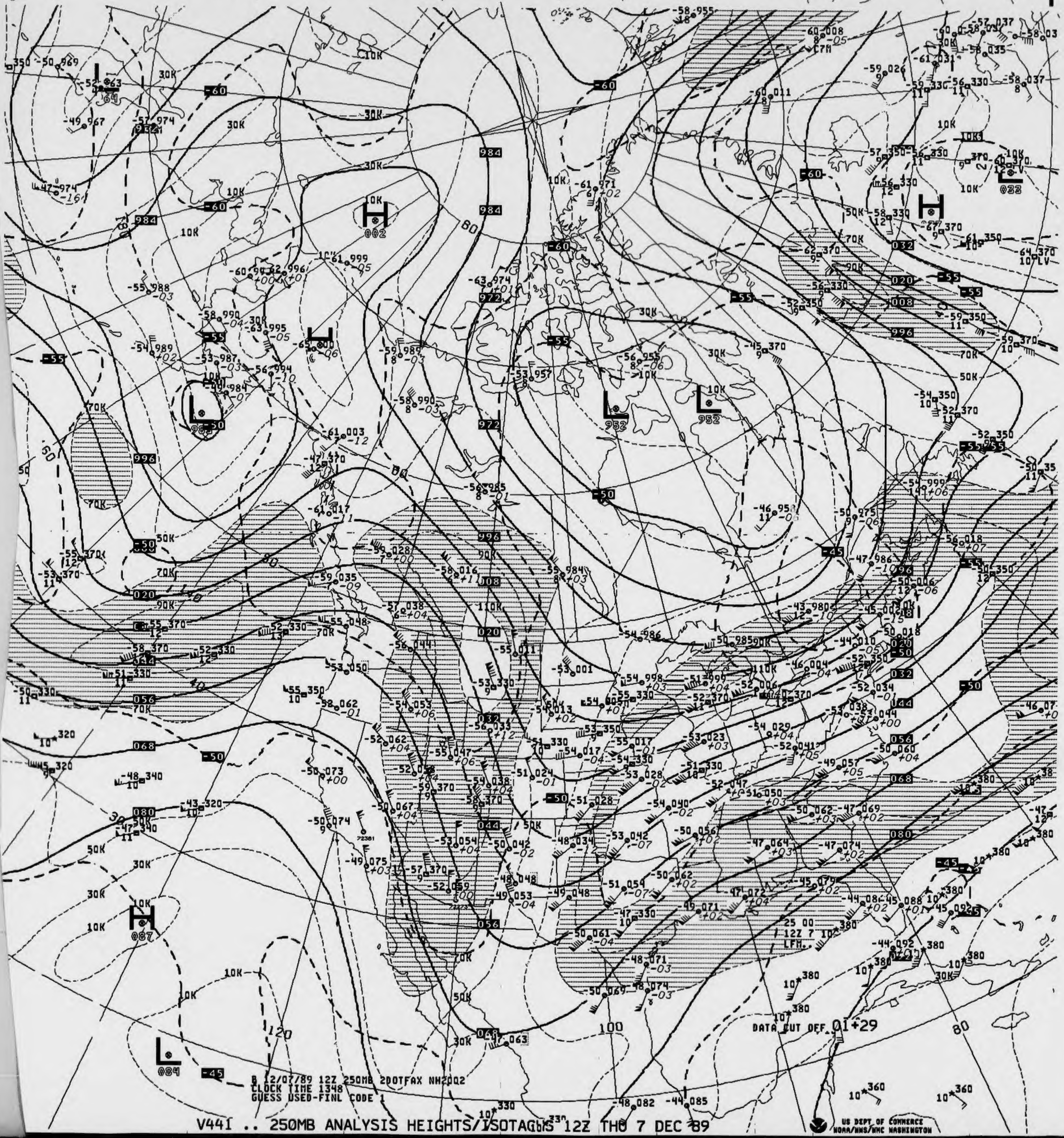
V04I .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 7 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

250MB

-52 059 -48 074
18

ID 72273 72381
LAT/LONG 31N110W 34N116W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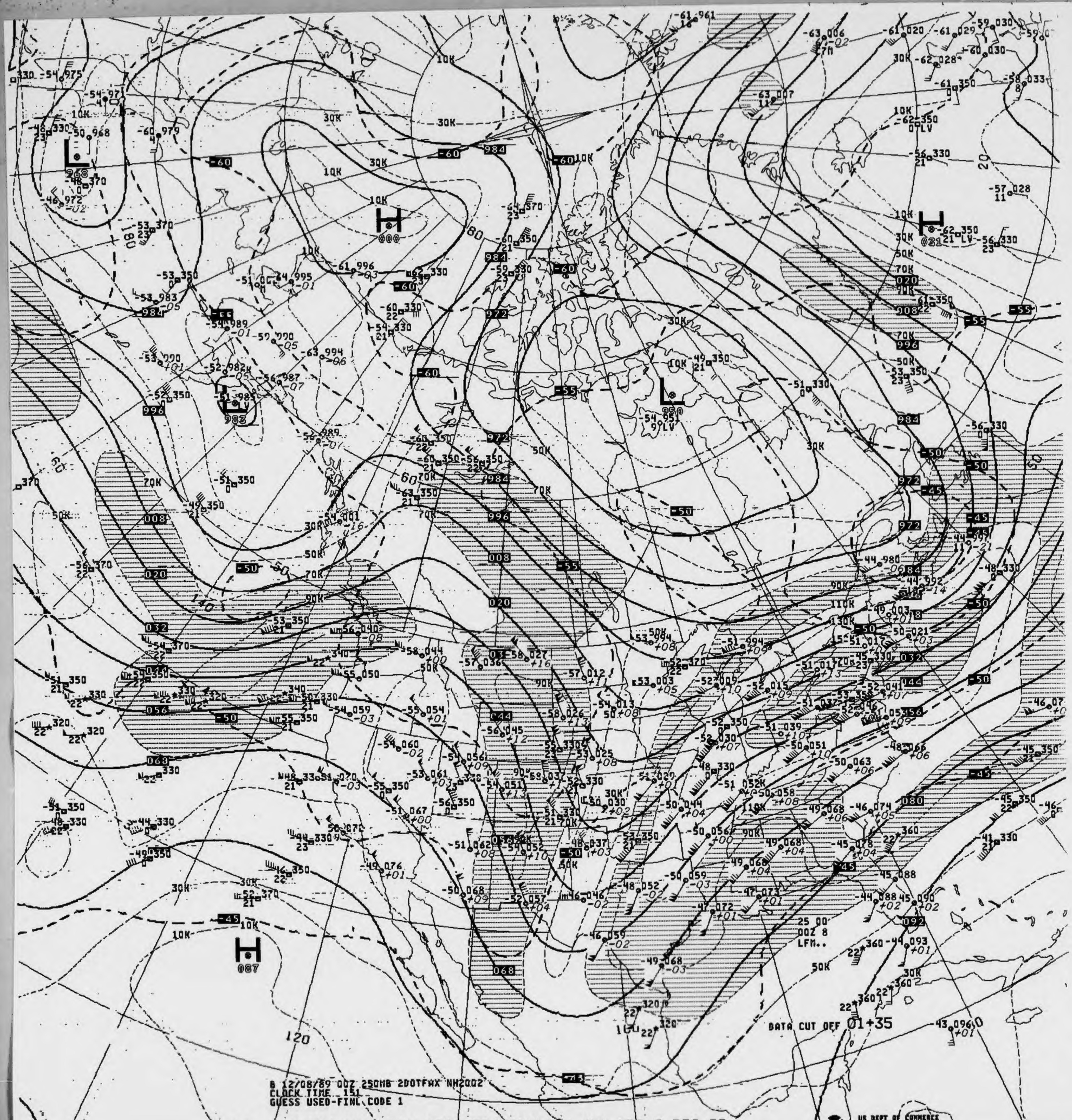
12Z 7 10
LFM.
H
002
H
087
L
084
L
952
L
952
L
983
-60
-55
-50
-45
984
972
996
020
032
044
056
068
080
008
30K
50K
70K
90K
110K
10K
60
80
100
120
40
30

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 7 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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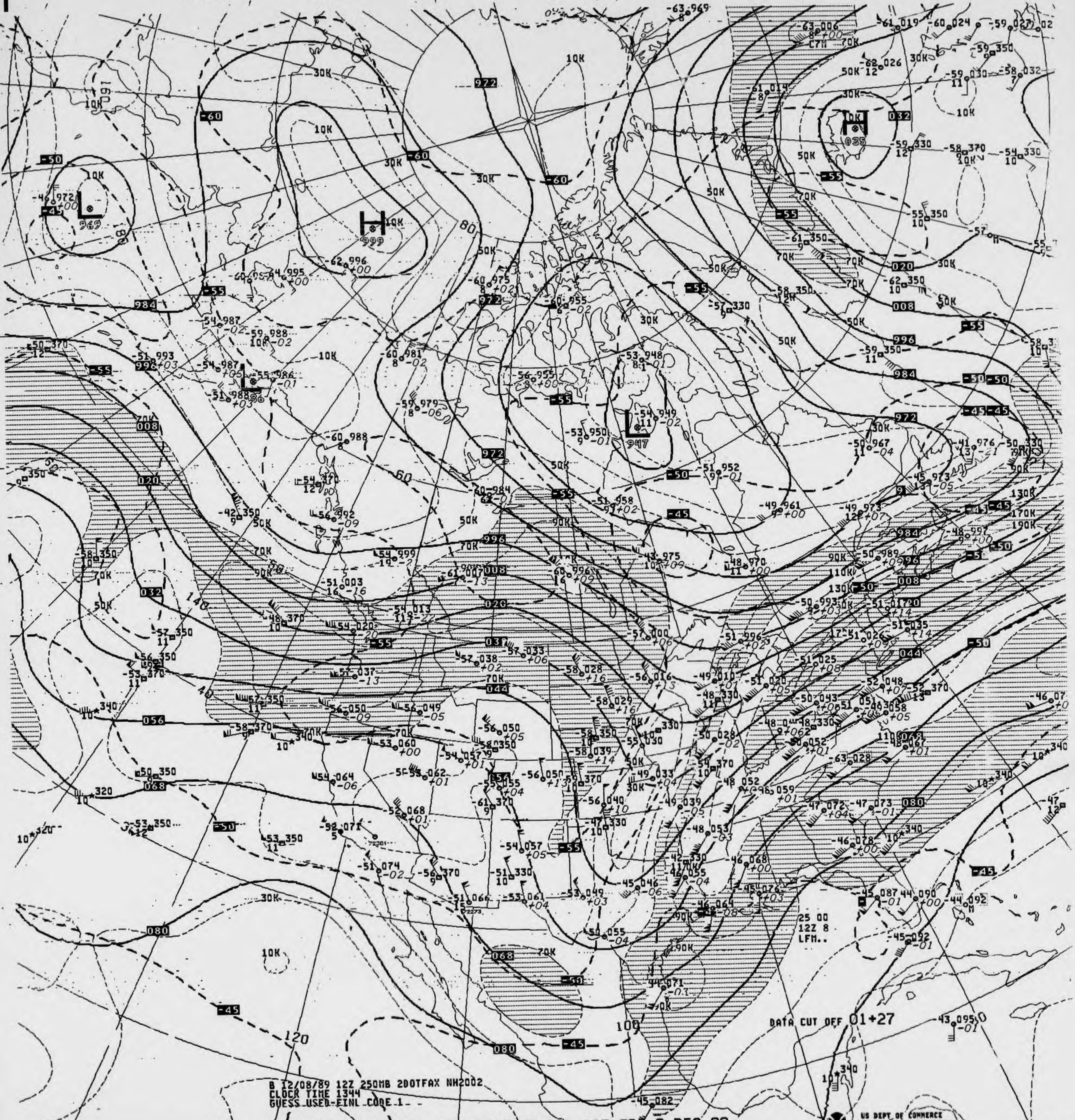
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 8 DEC 89

250MB

ID
LAT/LONG

-50 073
72381
34N116W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LFM..
H
L
10K
30K
50K
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90K
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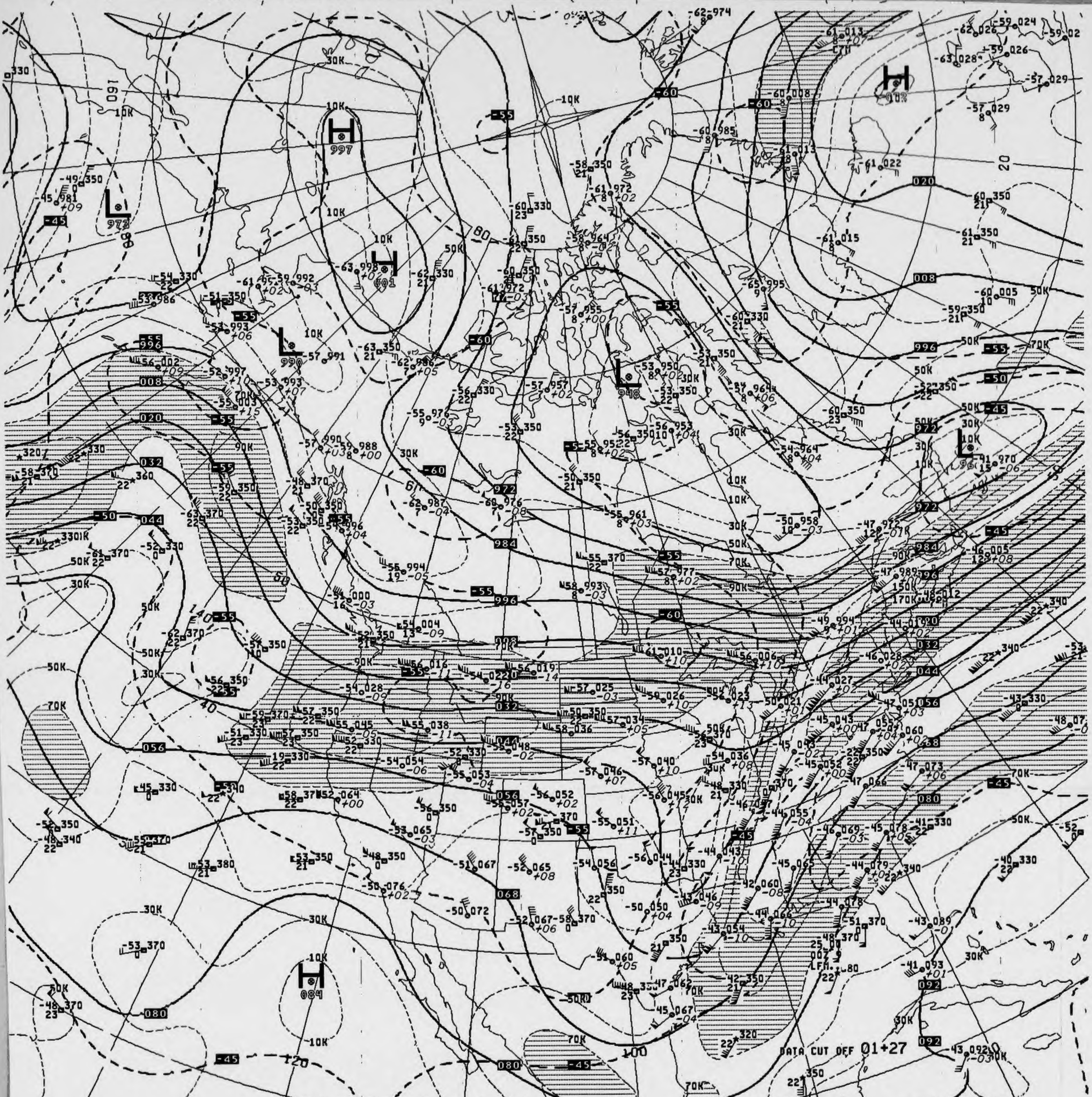
170K
190K

B 12/08/89 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1344
GUESS USED-FINL CODE 1

V441 ... 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 8 DEC 89

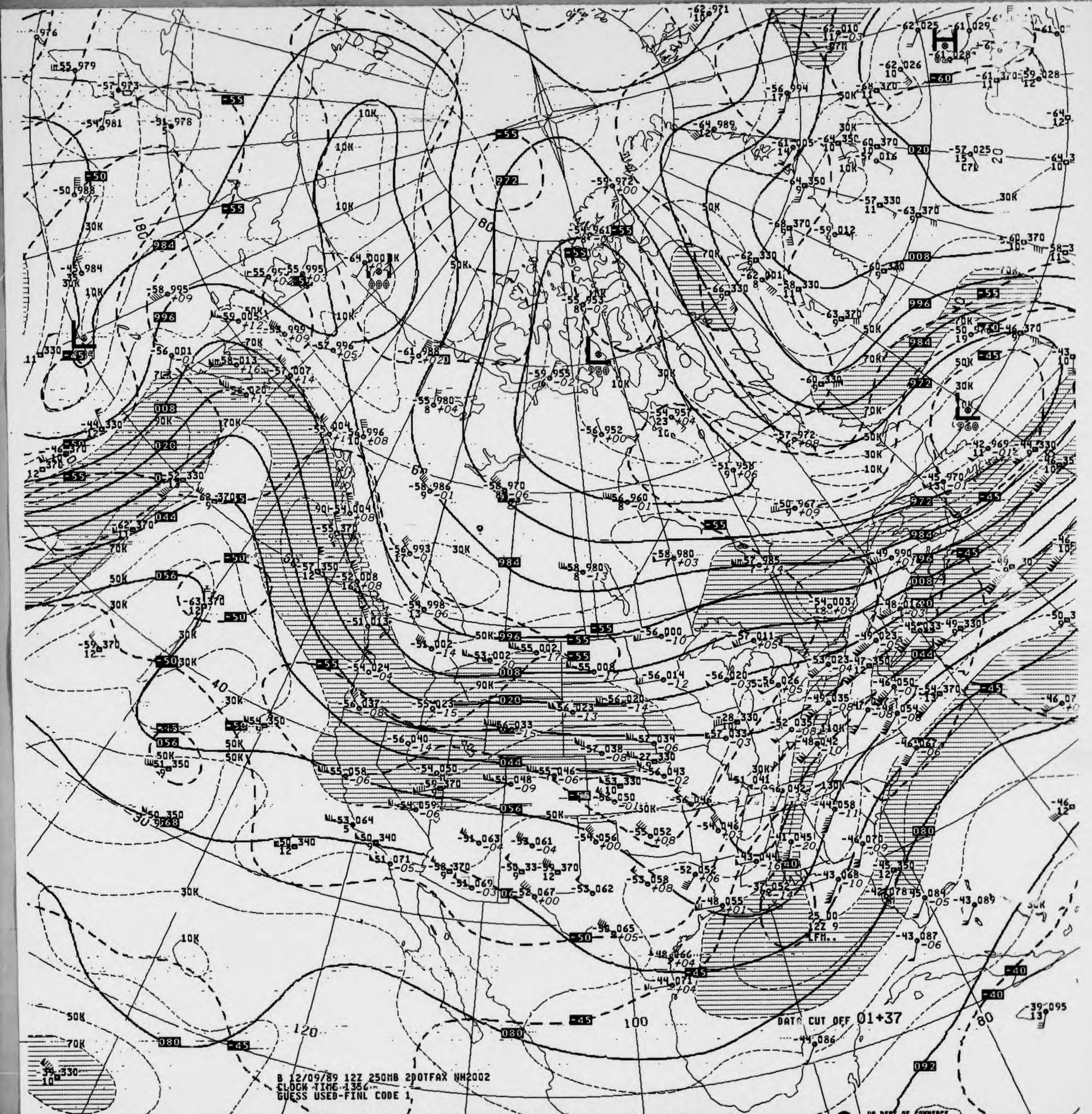
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/09/89 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 9 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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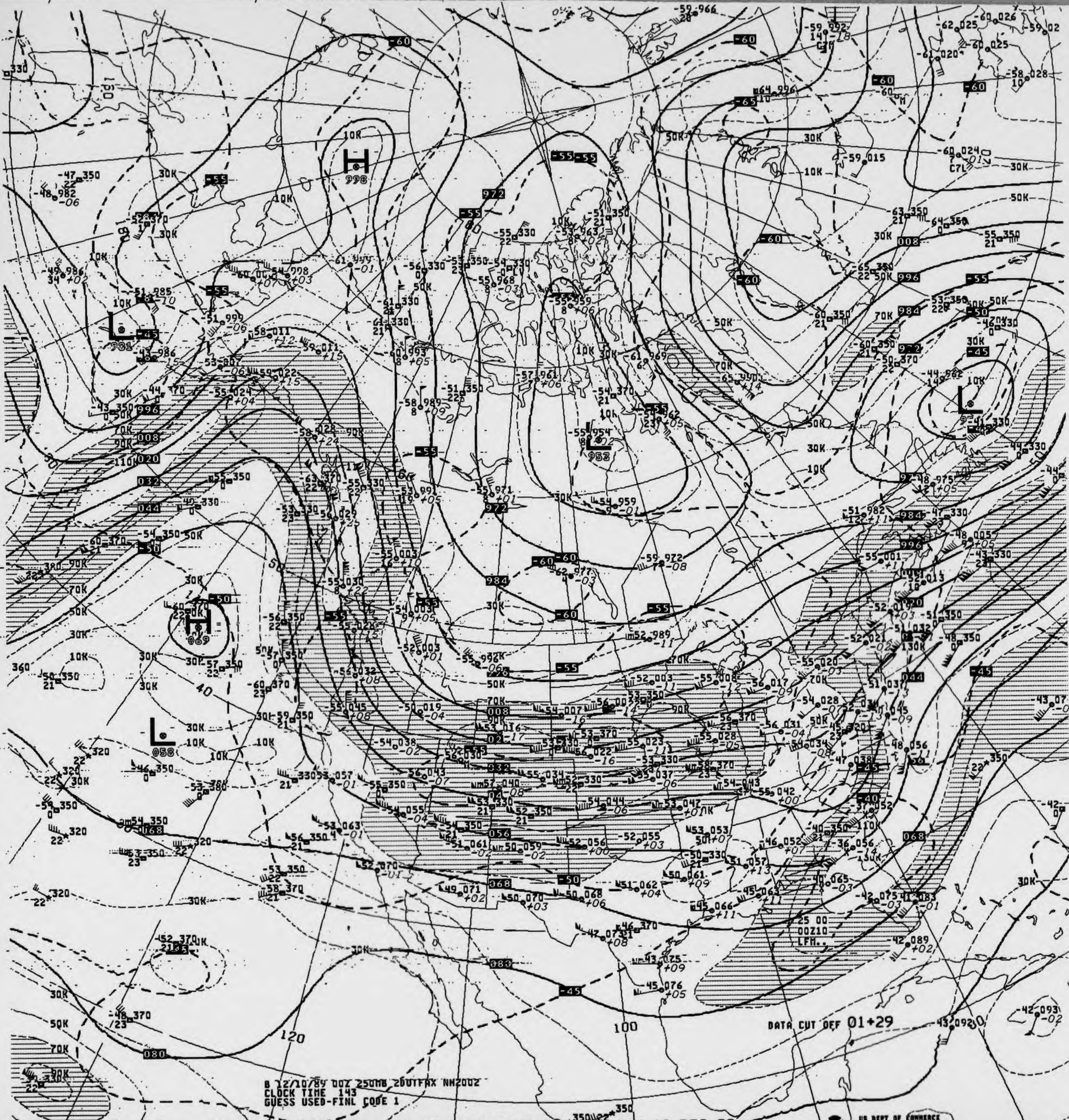
12Z 9
LFM..

B 12/09/89 12Z 250MB 200TFAX NH2002
CLOCK TIME 1356
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 9 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
H
H
L
L
L
L
L
10K
30K
50K
70K
90K
110K
130K
-60
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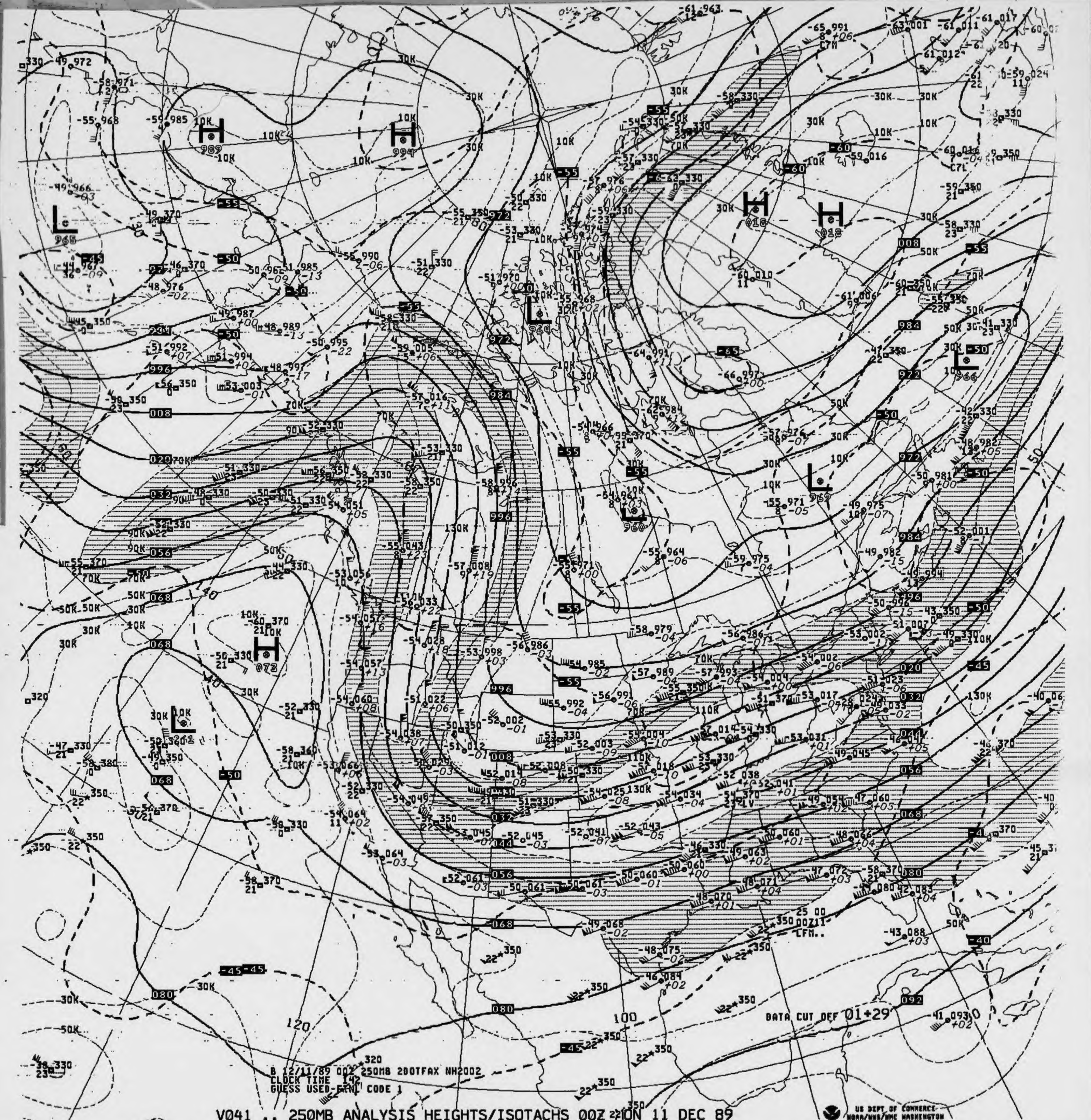
-50
-45
972
984
996
008
020
032
044
056
068
080
100
120
DATA CUT OFF 01+29

B 12/10/89 00Z 250MB 20UTFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 10 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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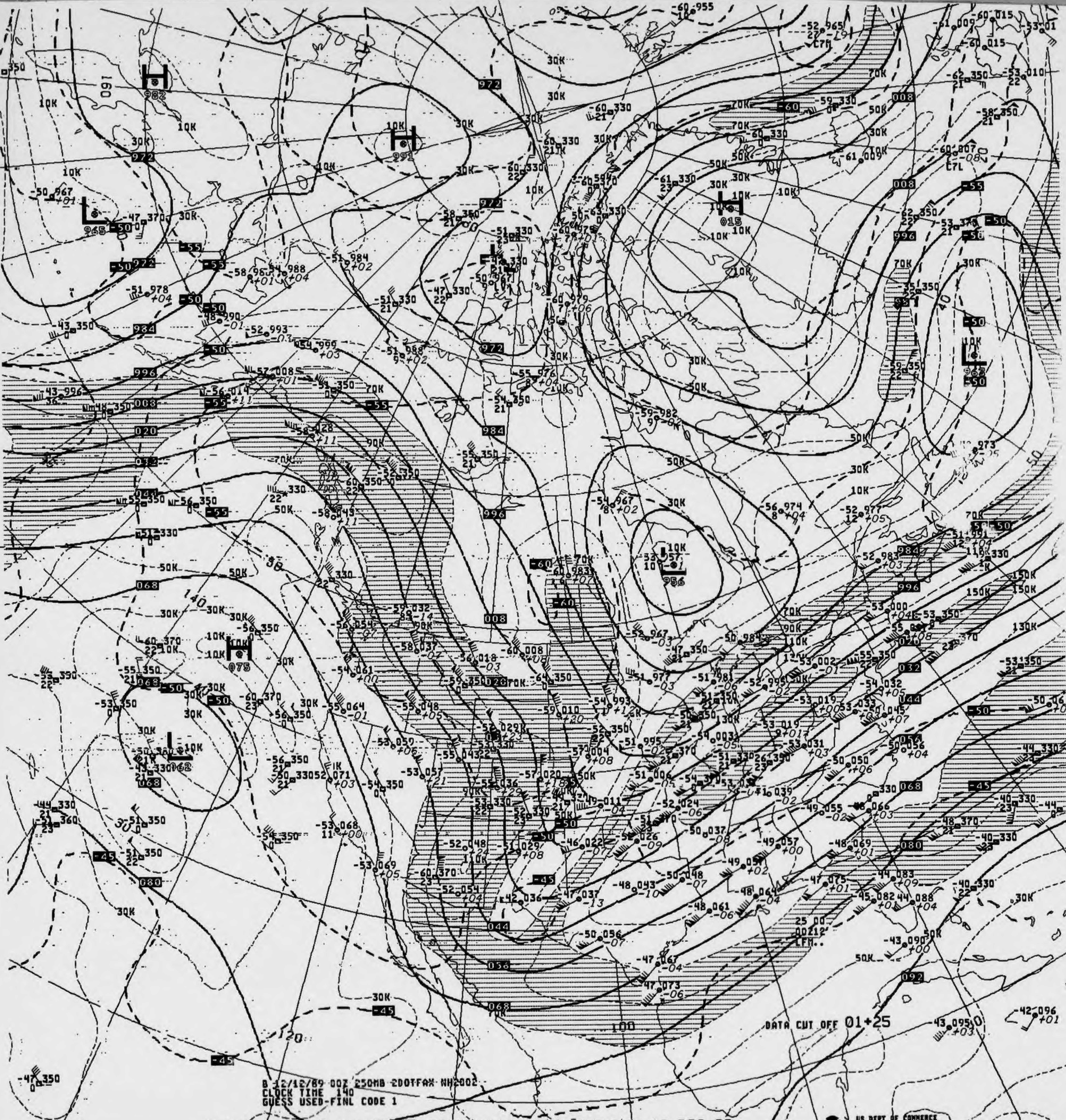
CLOCK TIME 142
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H
L
10K
30K
50K
70K
90K
130K
150K

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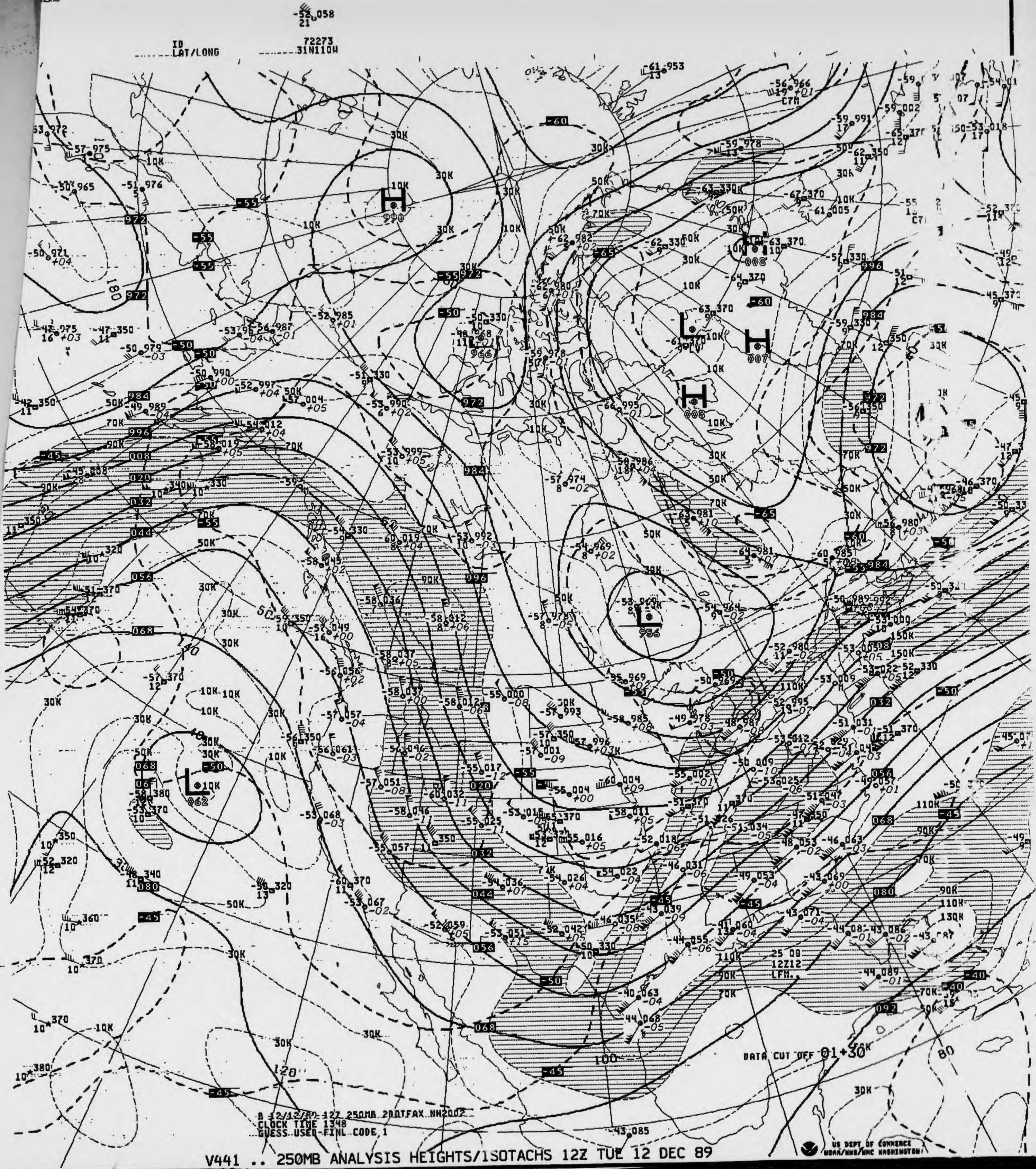
CLOCK TIME 140
GUESS USED-FINL CODE 1

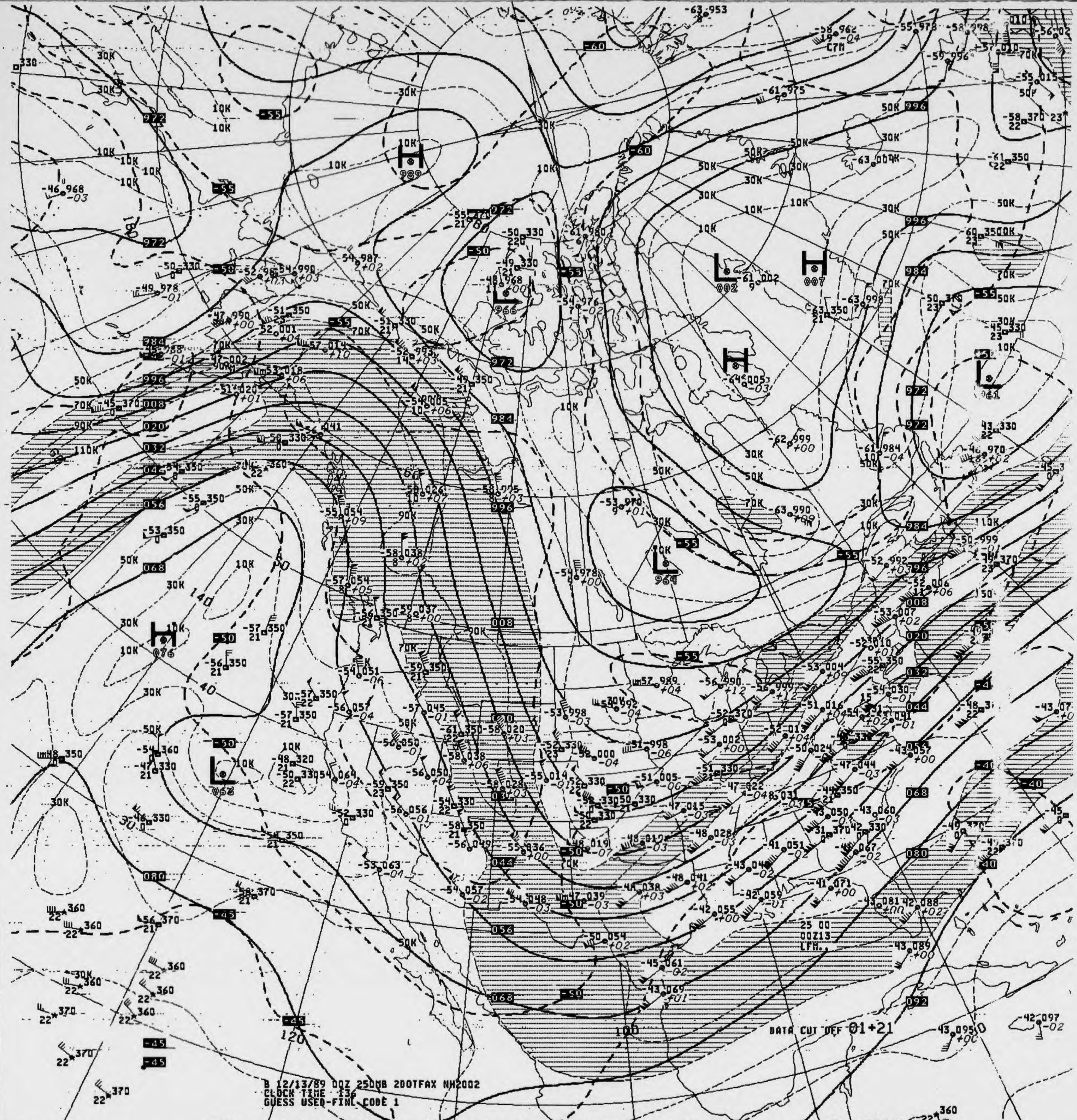
V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 12 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B_


ID
LAT/LONG
72273
31N110W
-52 058
21
DATA CUT OFF 01+30
B 12/12/89 12Z 250MB 200TFAX NH2002
CLOCK TIME 1348
GUESS USED-FINL CODE 1
25 08
12Z12
LFM
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 12 DEC 89


B 12/13/89 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 136
GUESS USED-FINL CODE 1
DATA CUT OFF 01+21
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00Z13
LFM.
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V041-.. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 13 DEC 89

250MB

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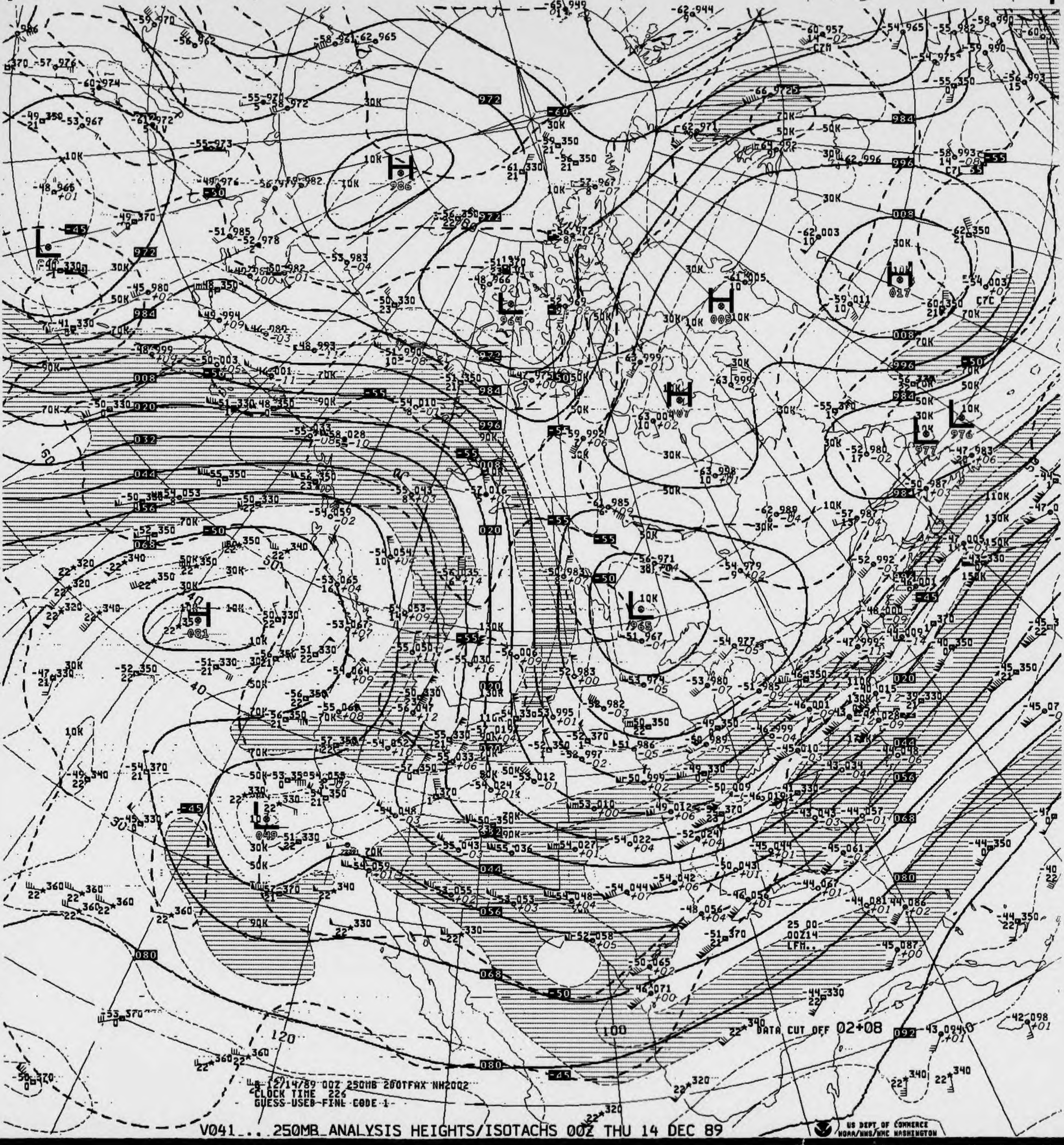
-55 056

ID 72391
LAT/LONG 34N119W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CLOCK TIME 226
GUESS-USED-FINL CODE 1
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LFM..

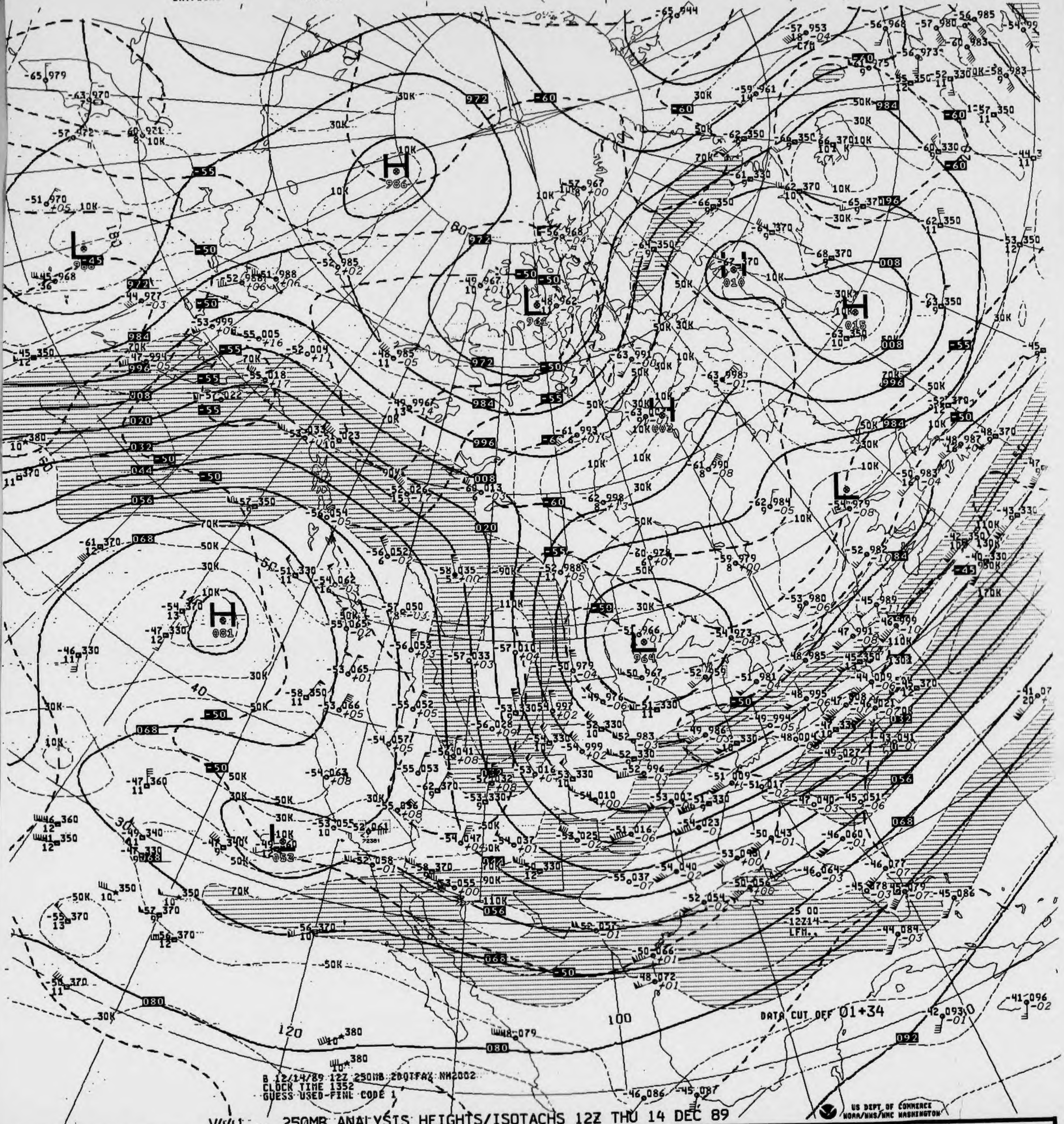
V041... 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 14 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

250MB

52 056
7

ID 72273
LAT/LONG 31N110W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CLOCK TIME 1352
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
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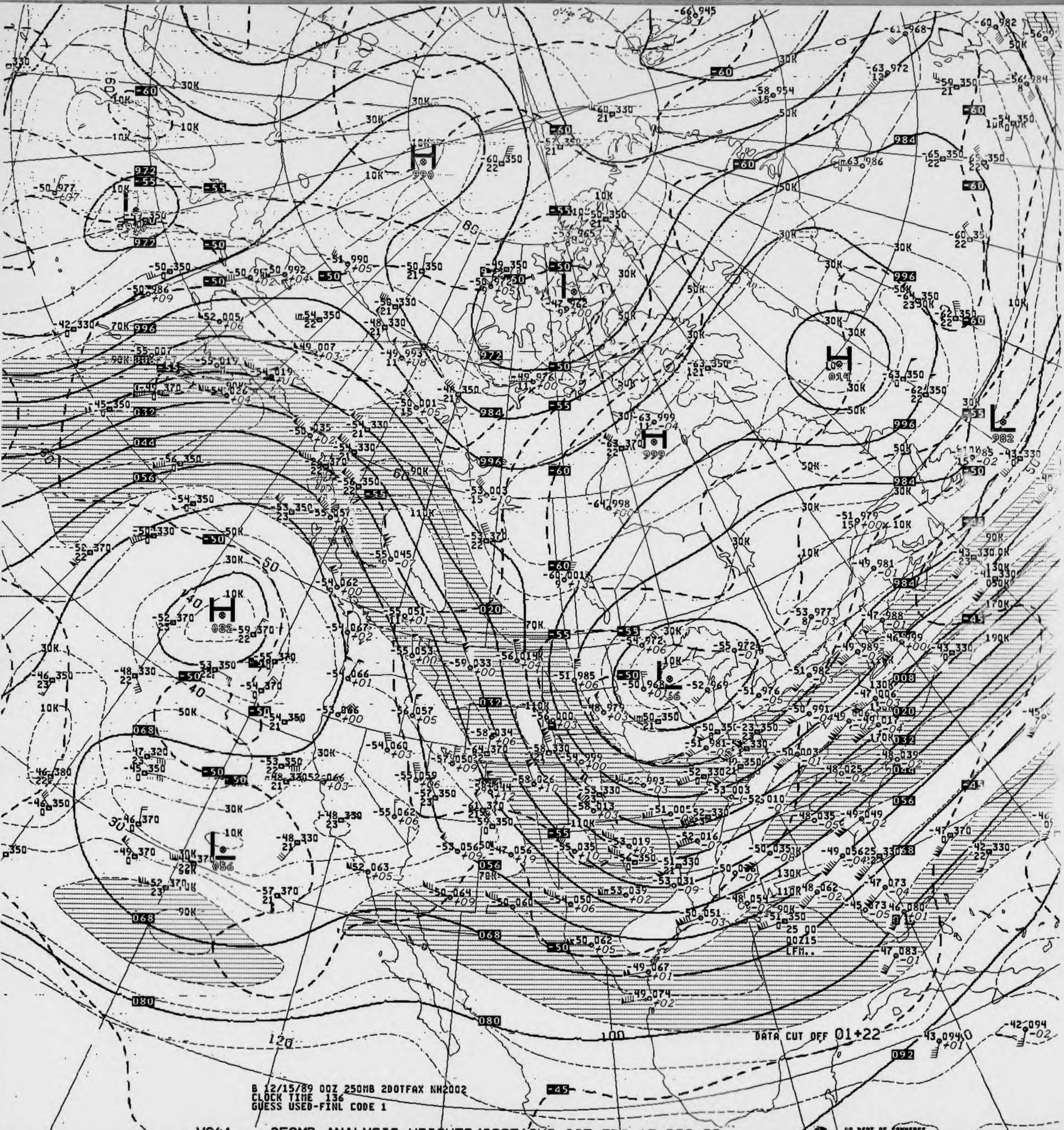
12Z14
LFM

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 14 DEC 89



B 12/15/89 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 136
GUESS USED-FINL CODE 1

DATA CUT OFF 01+22

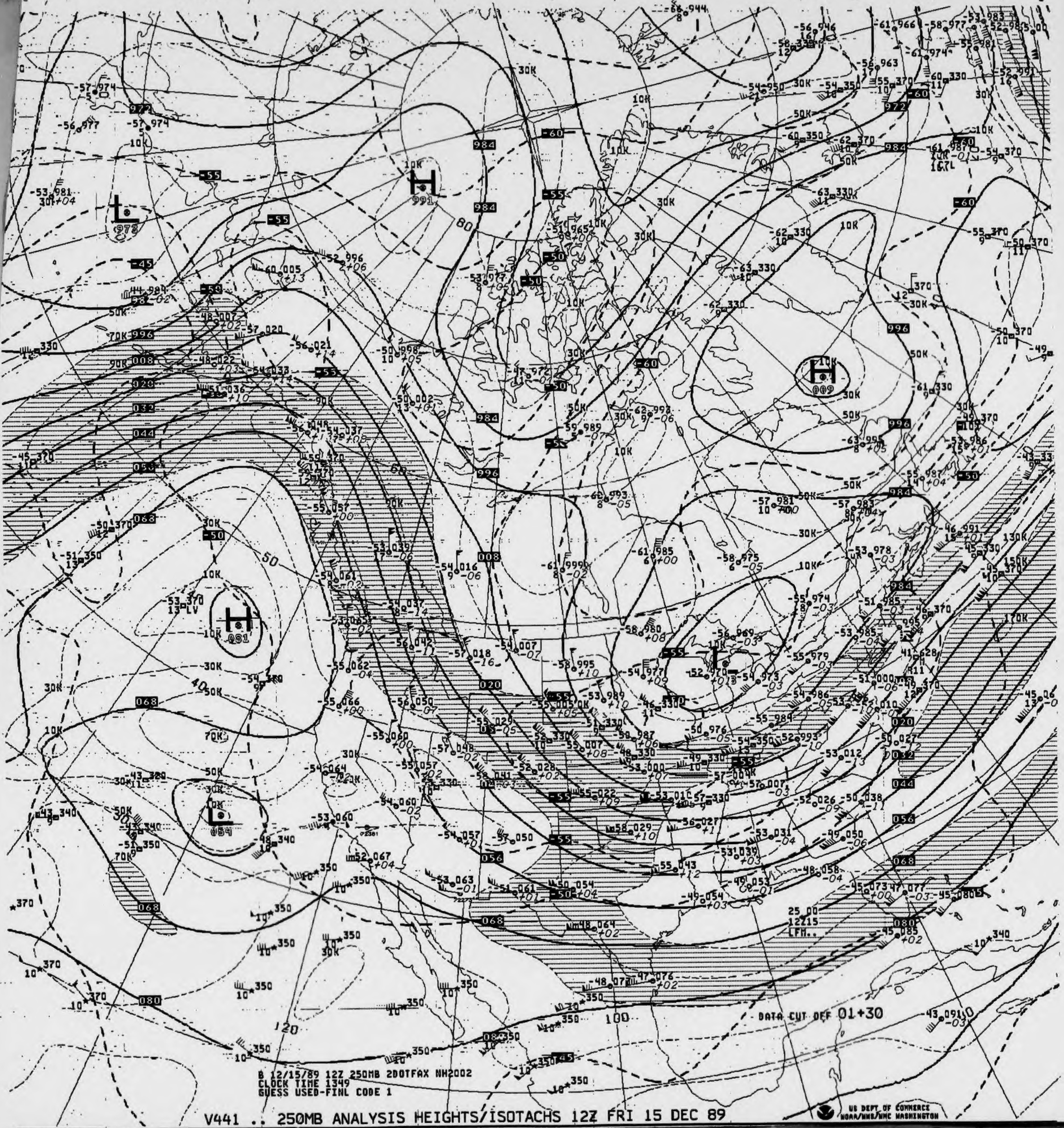
V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 15 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

50MB

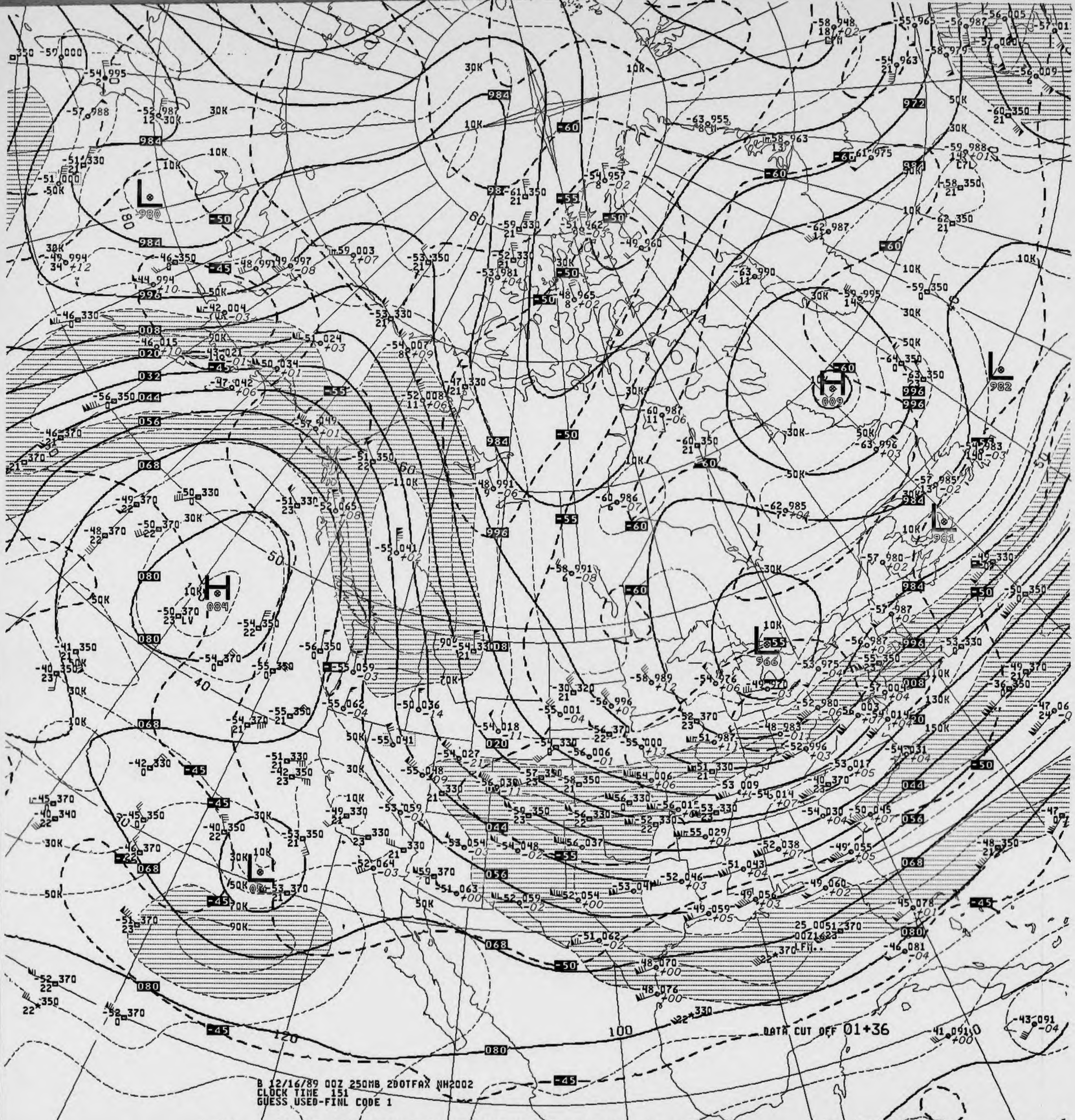
-51 064 -52 065
8

ID 72273 72381
LAT/LONG 31N110W 34N116W


30K
10K
50K
70K
90K
DATA CUT OFF 01+30
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 12/15/89 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1349
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 15 DEC 89



B 12/16/89 00Z 250MB 2DOTFAX NH2002
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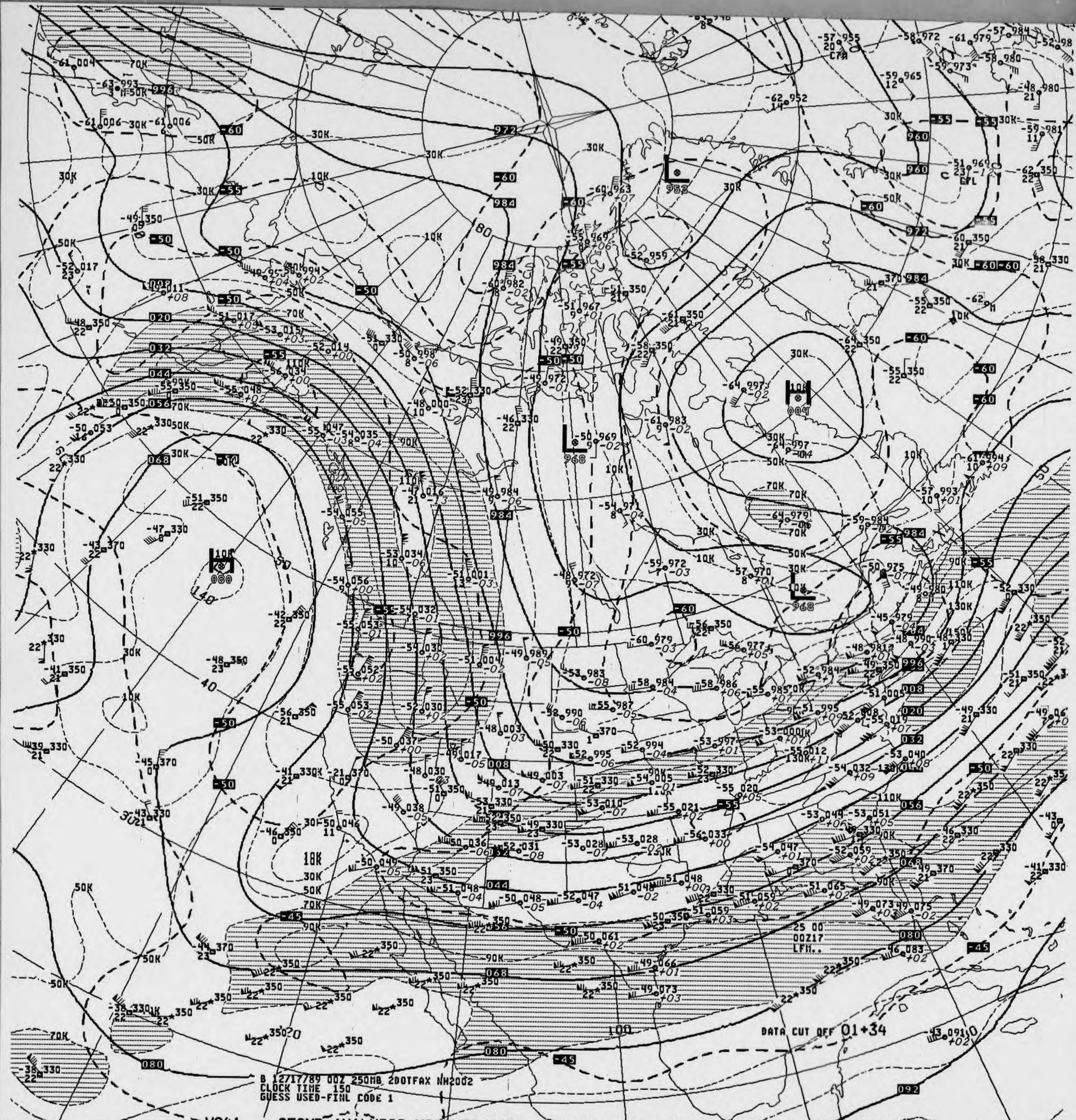
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 16 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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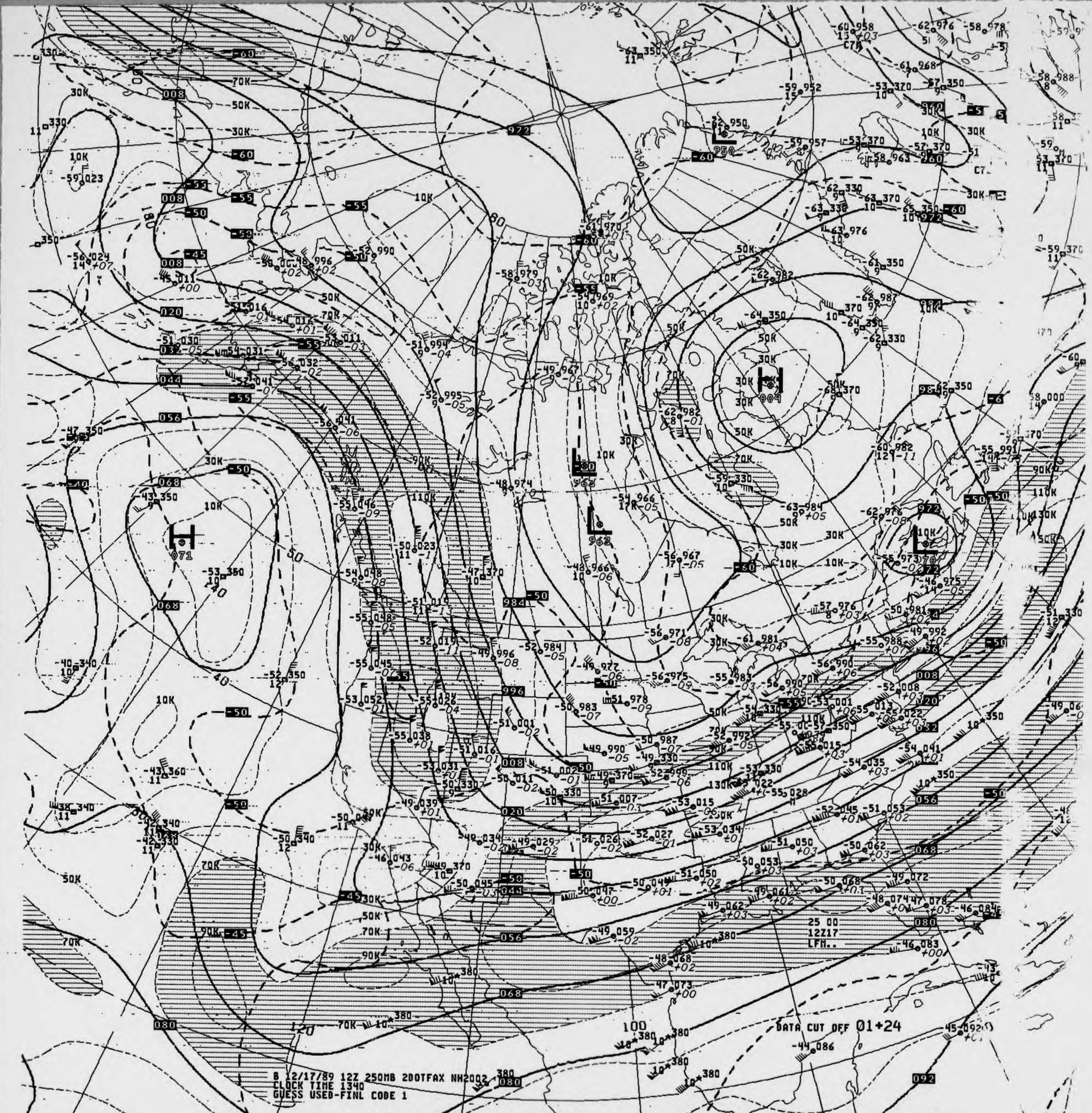
V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 17 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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LFM..

B 12/17/89 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1340
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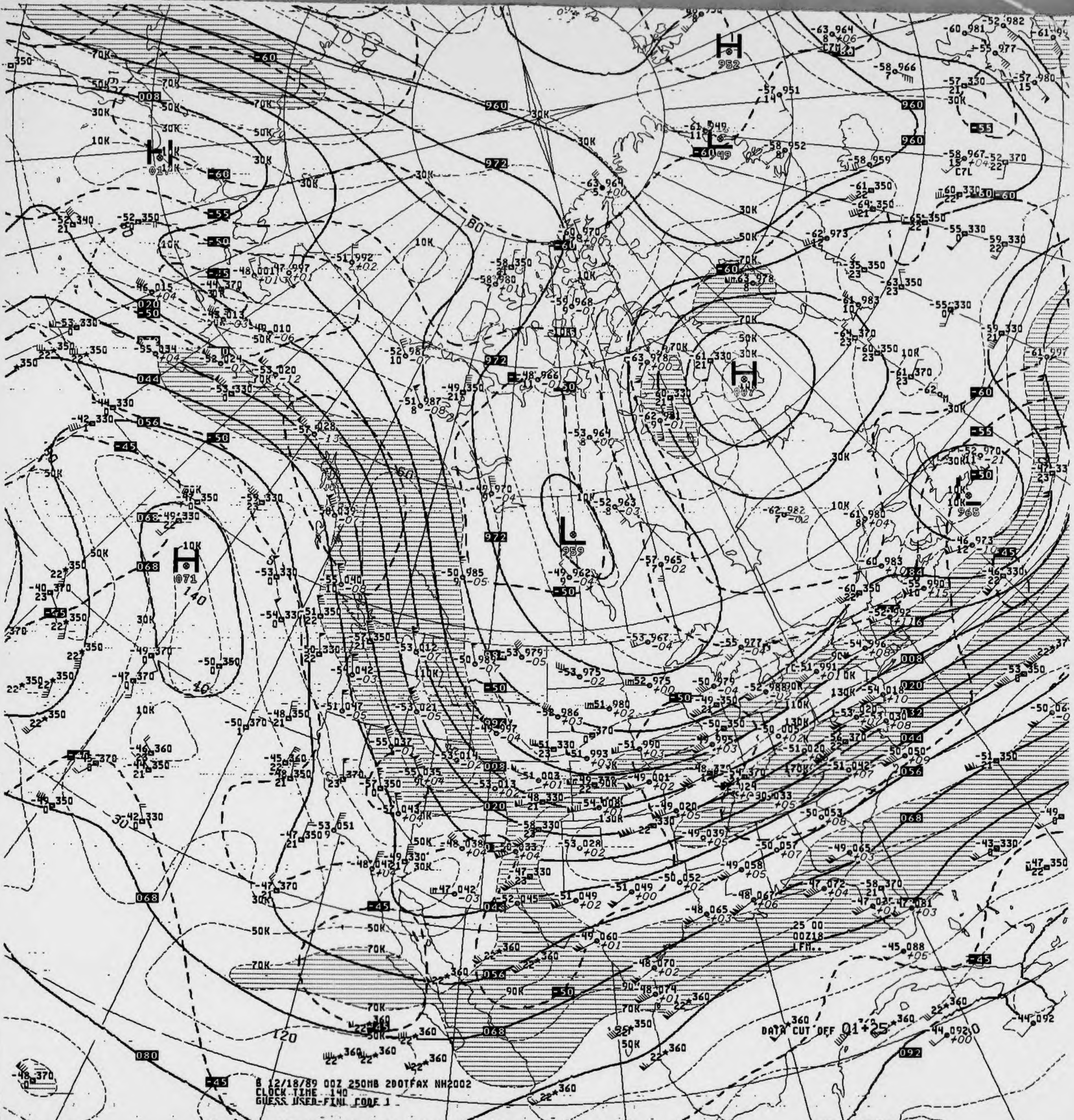
V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 17 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/18/89 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 140
GUESS USED-FINL CODE 1
DATA CUT OFF 01+25
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00Z18
LFM..
H
L
960
972
008
020
044
056
068
080
092
-45
-50
-55
-60
10K
30K
50K
70K
90K
110K
130K

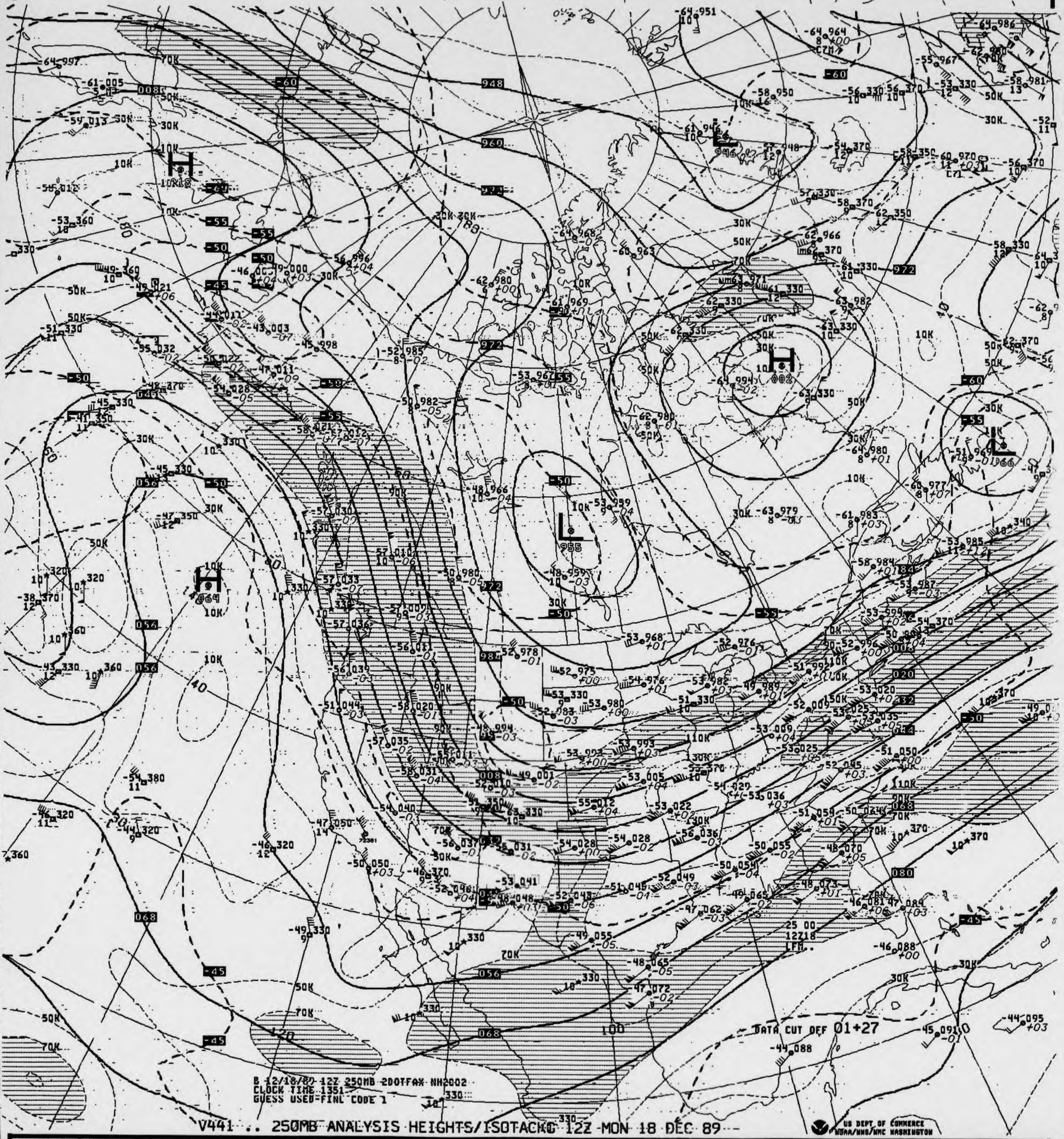
V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 18 DEC 89

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON

250MB

-49 048

ID 72381
LAT/LONG 34N116W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CLOCK TIME 1351
GUESS USED-FINL CODE 1
DATA CUT OFF 01+27
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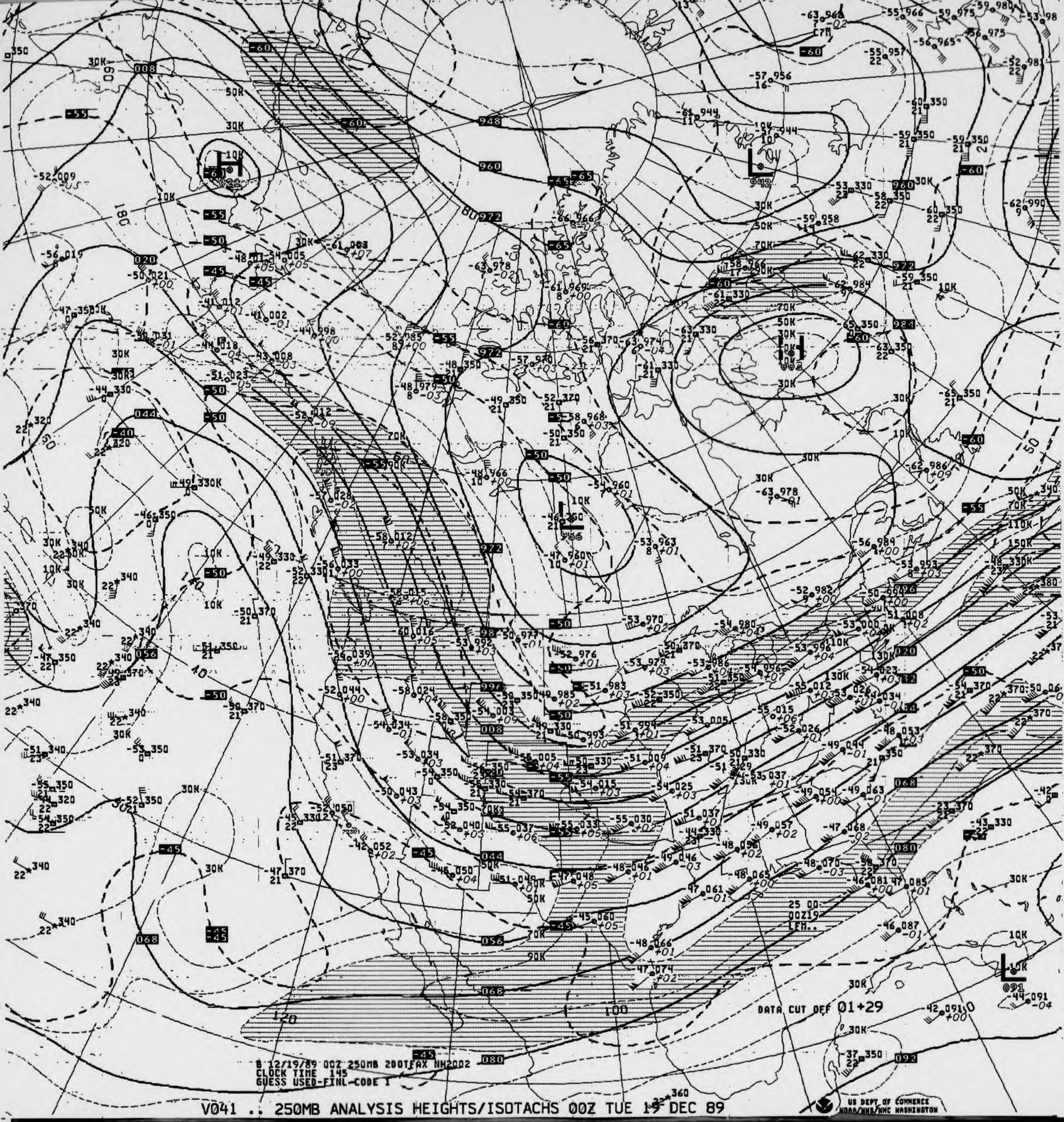
12Z18
LFM

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 18 DEC 89 -

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



25 00
00Z19
LFM..
DATA CUT OFF 01+29
B 12/19/89 00Z 250MB 200TFAX NH2002
CLOCK TIME 145
GUESS USED-FINL-CODE 1

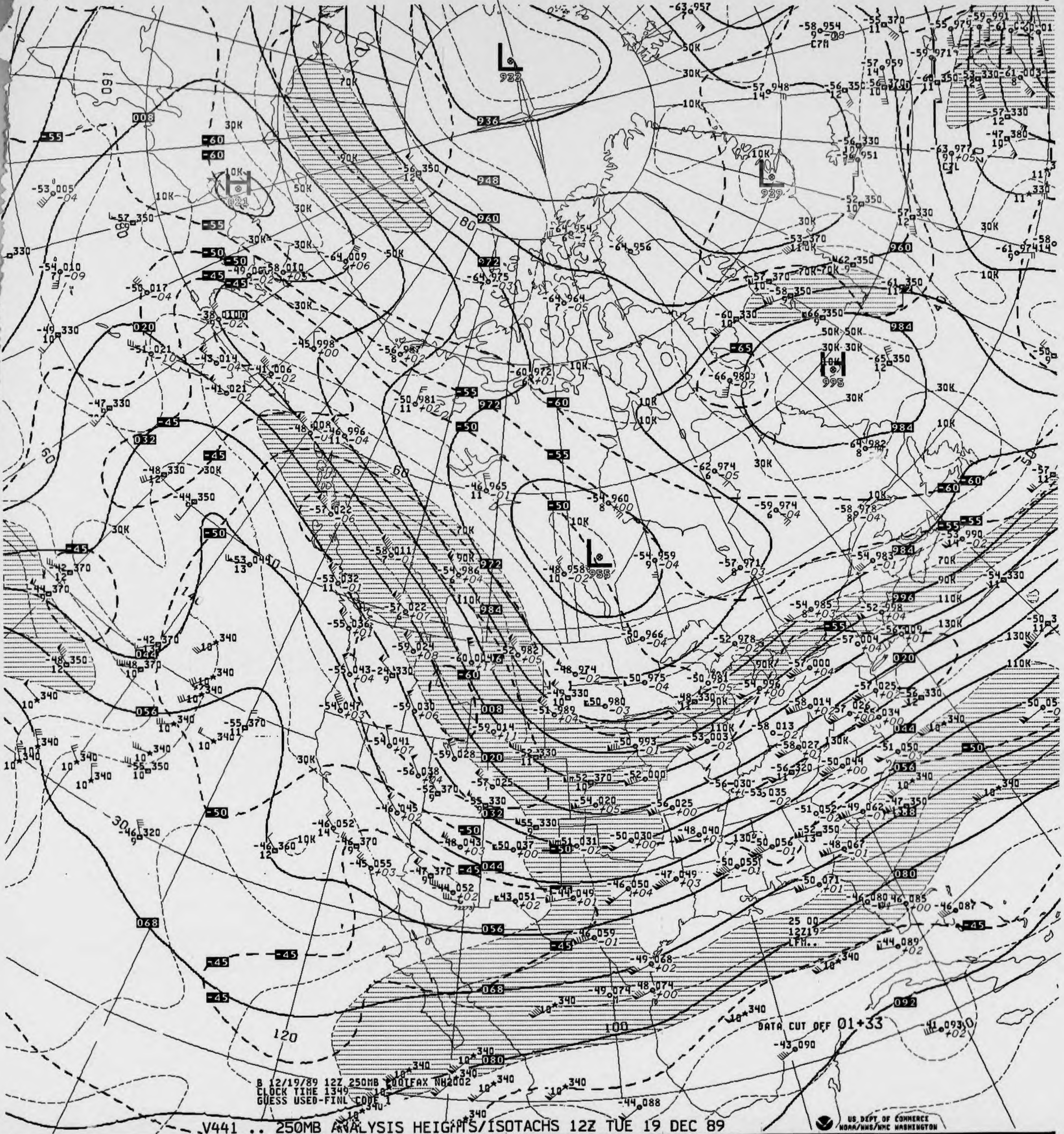
V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

250MB

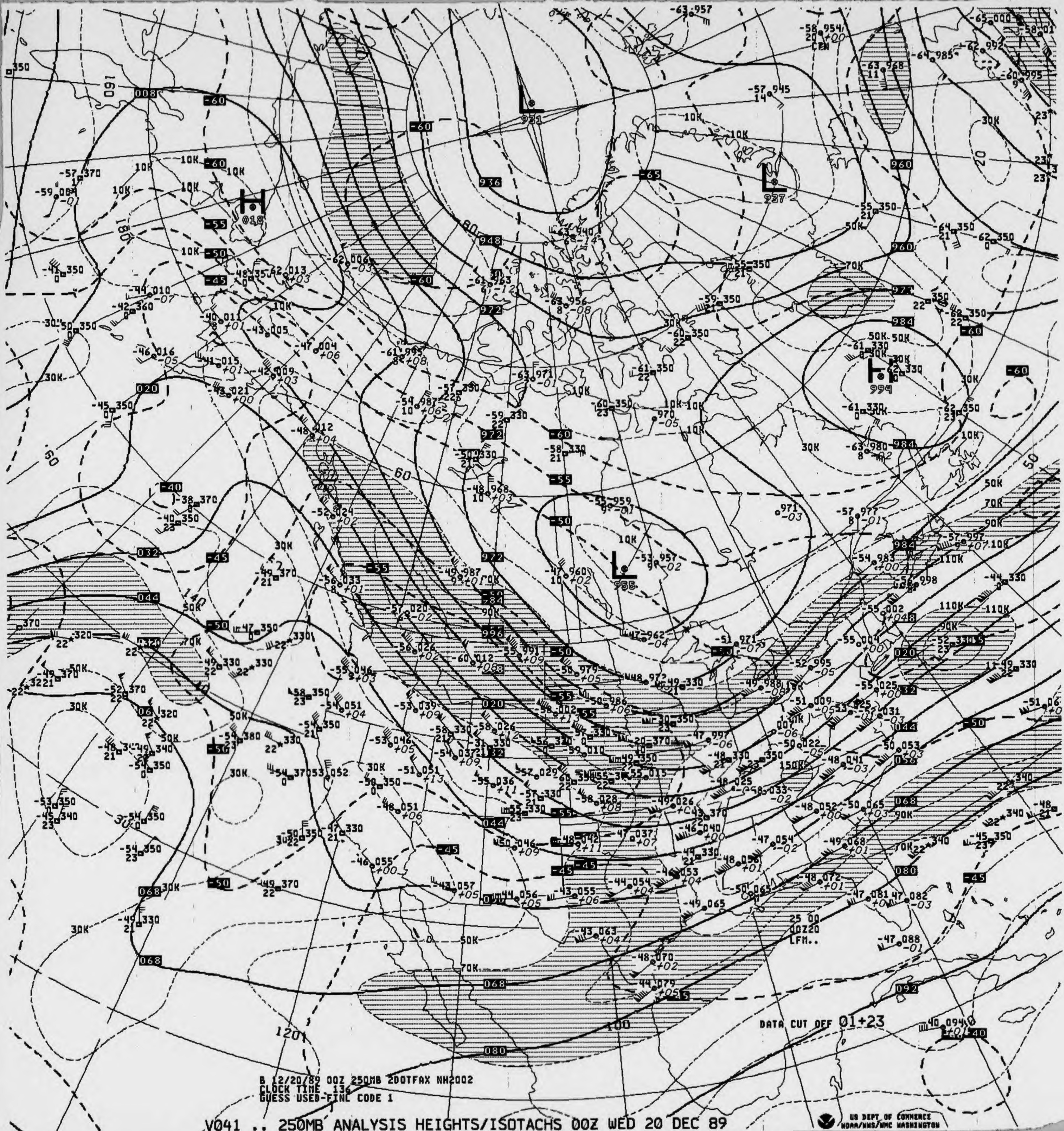
ID
LAT/LONG

42 052
36
72273
31N110W


B 12/19/89 12Z 250MB 2001FAX NH2002
CLOCK TIME 1349
GUESS USED-FINL CODE 1
DATA CUT OFF 01+33
25 00
12Z19
LFM..

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 136
GUESS USED-FINL CODE 1
DATA CUT OFF 01+23
25 00
00Z20
LFM..
H 018
L 931
L 927
H 994
L 955

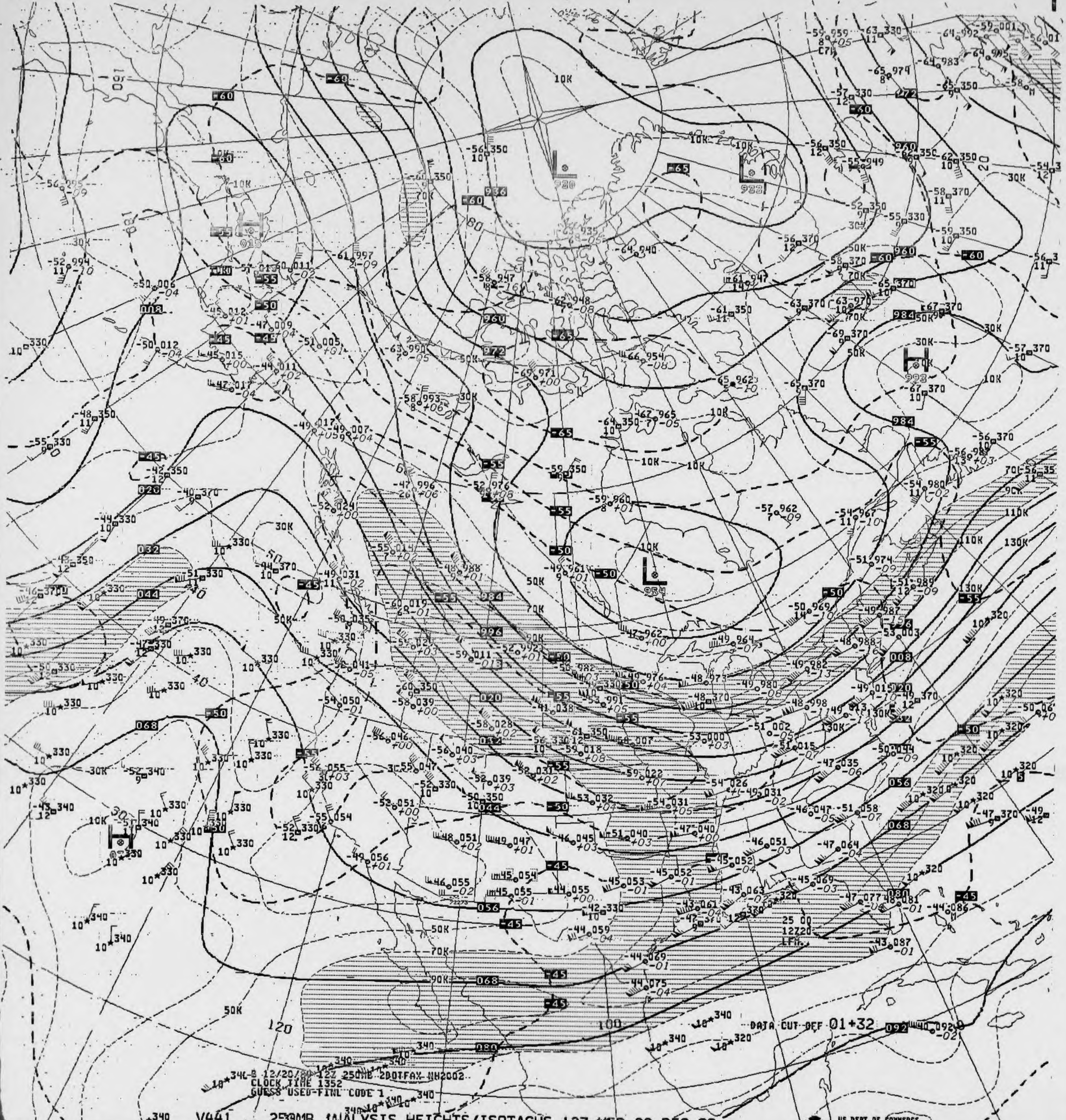
V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

46 055
31

ID
LAT/LONG

72273
31N110W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CLOCK TIME 1352
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 20 DEC 89

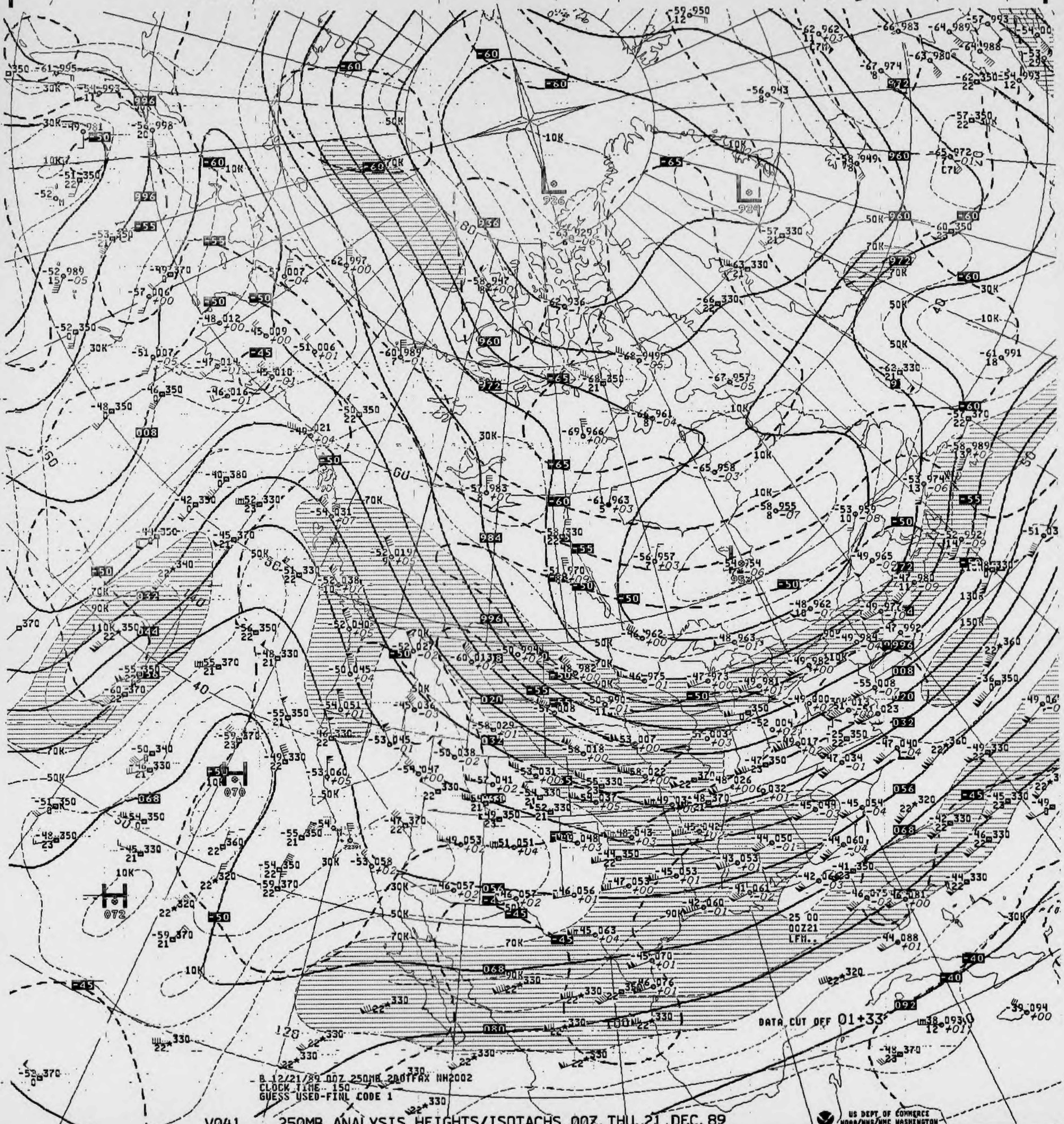
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

300MB

250MB

-52 056

ID 72391
LAT/LONG 34N119W


B 12/21/89 00Z 250MB 200TFAX NH2002
CLOCK TIME 150
GUESS USED-FINL CODE 1
DATA CUT OFF 01+33
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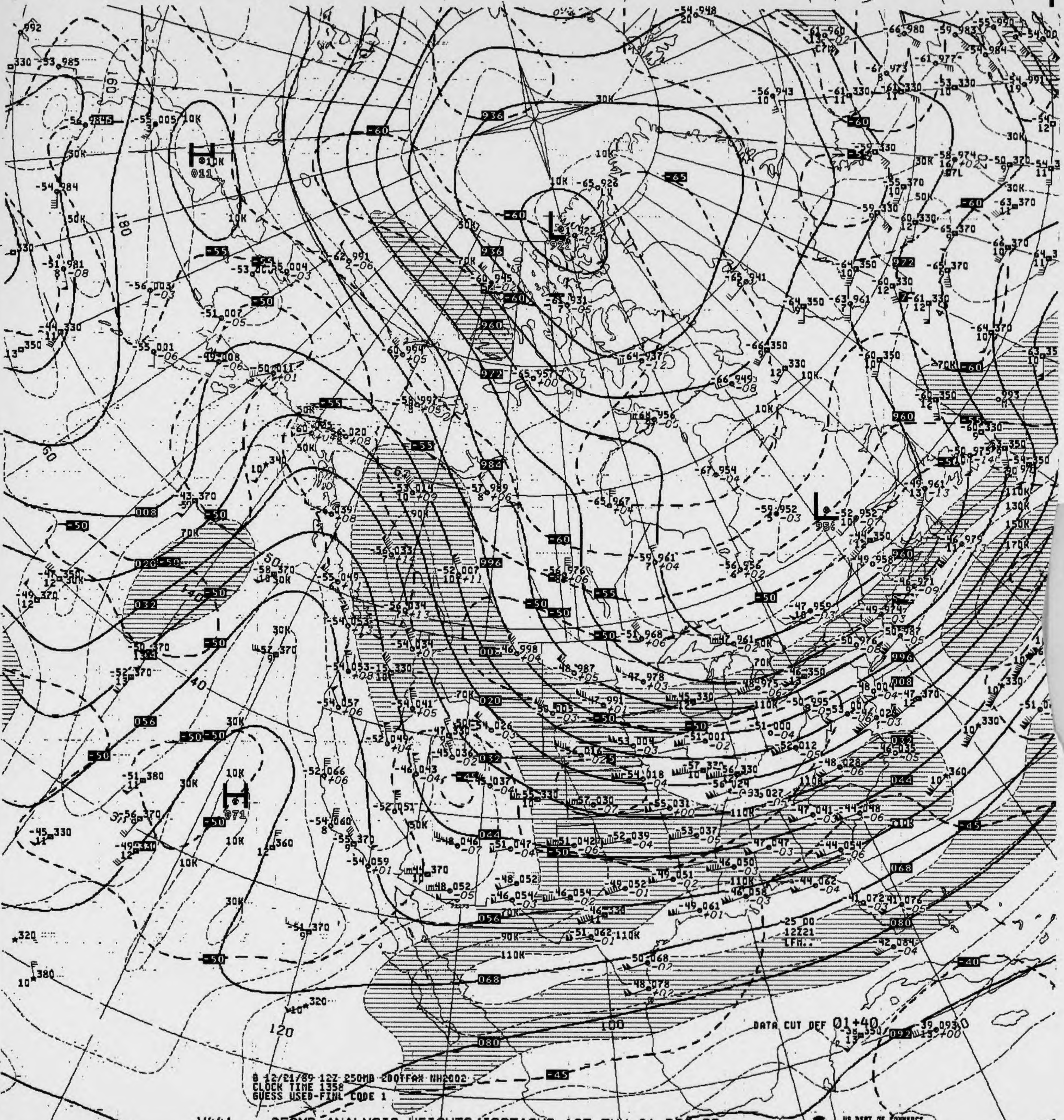
00Z21
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V041 ... 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 21 DEC 89

250MB

-48 053
24
ID 72273
LAT/LONG 31N110W



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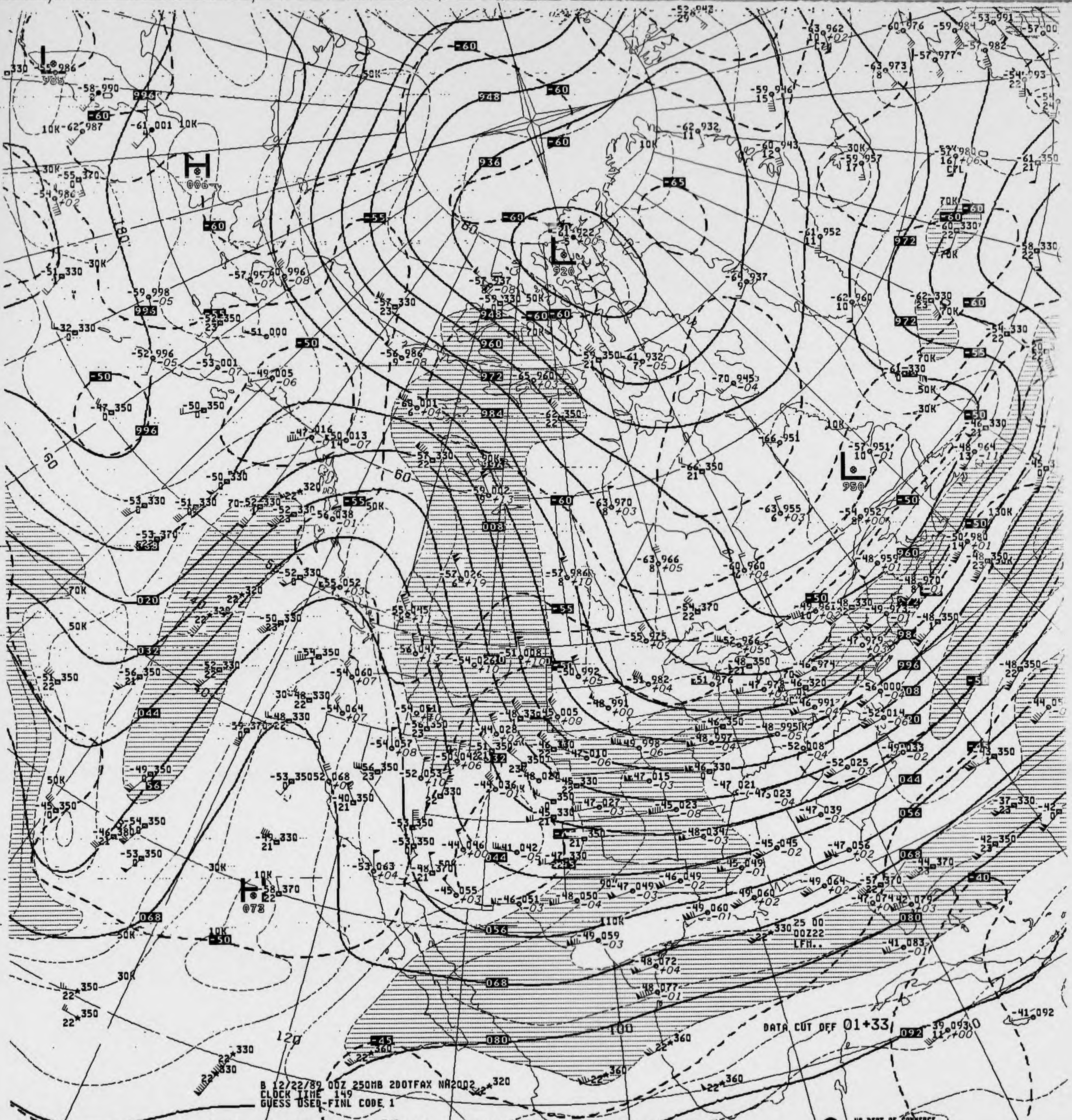
12221
LFH..
8 12/21/89 12Z 250MB 200TFAX NH2002
CLOCK TIME 1358
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 21 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z22
LFM..

B 12/22/89 00Z 250MB 2DOTFAX NA2002
CLOCK TIME 149
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 22 DEC 89

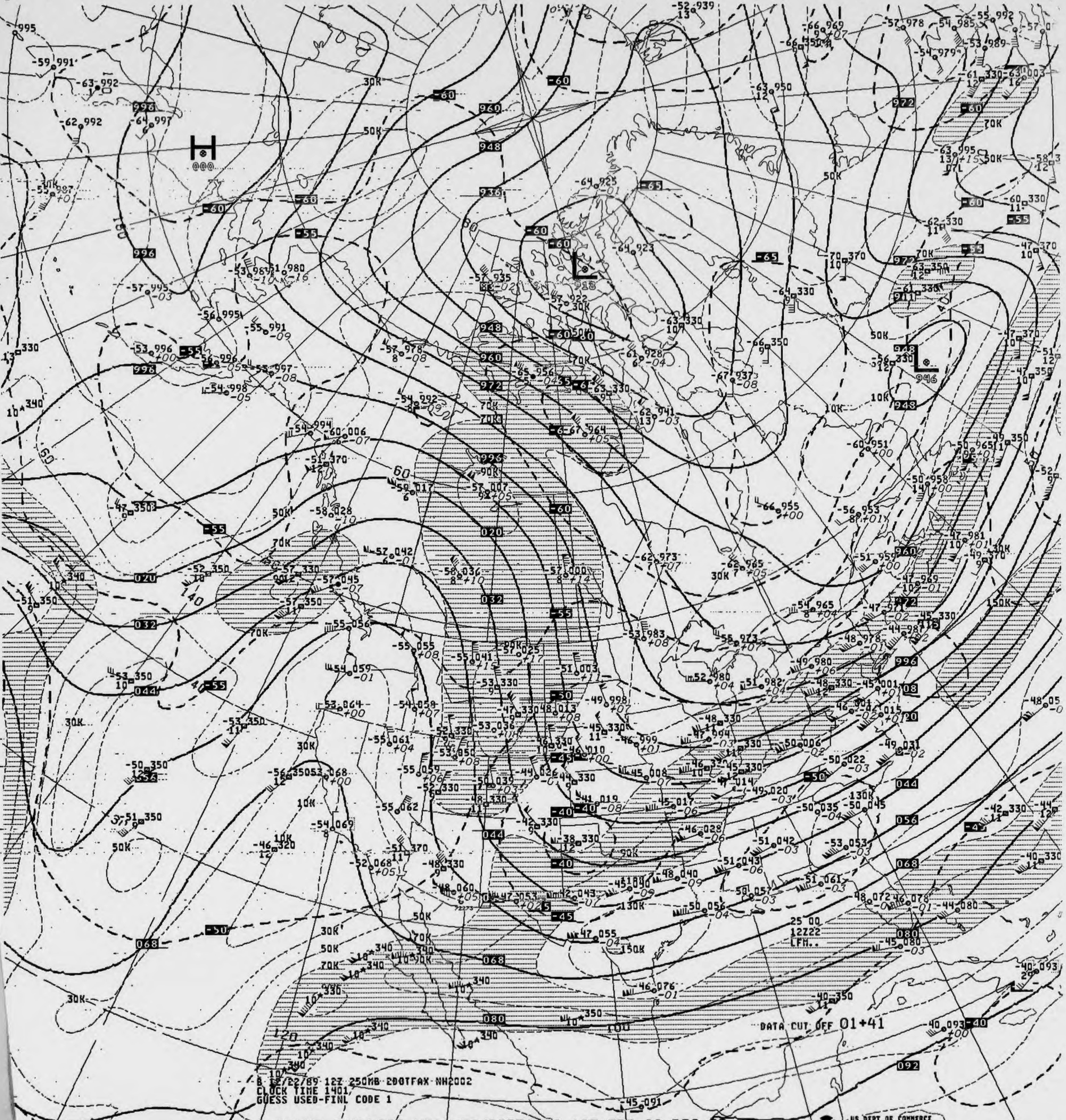
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

250MB

47 060
24

72273
31N110W

LAT/LONG

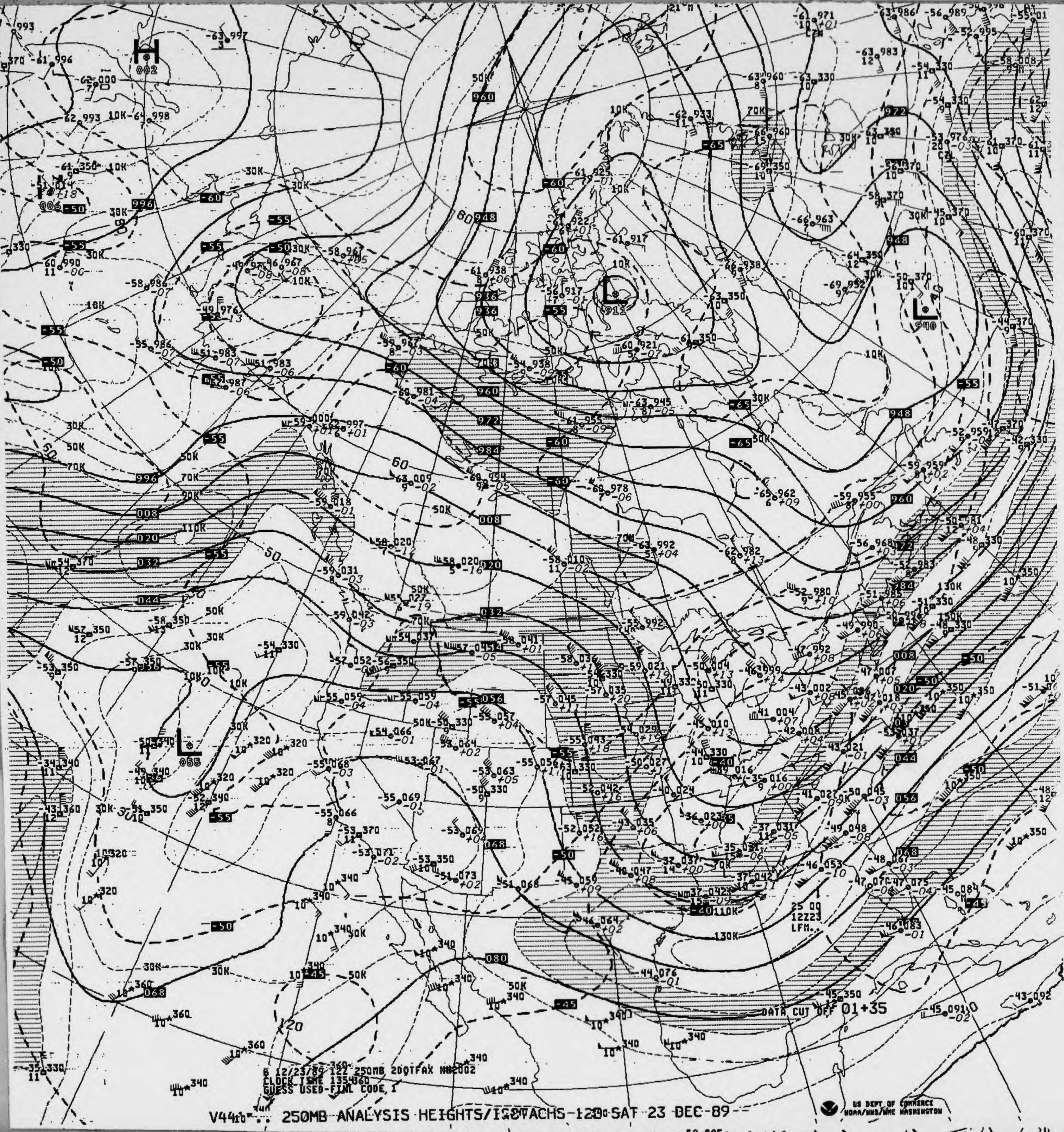

H
L
L
30K
50K
70K
10K
130K
150K
60
140
120
100
996
960
948
936
972
020
032
044
056
068
080
092
-60
-55
-65
-50
-45
-40
25 00
12Z22
LFM..

DATA CUT OFF 01+41

8 12/22/89 12Z 250MB 200TFAX NH2002
CLOCK TIME 1401,
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 22 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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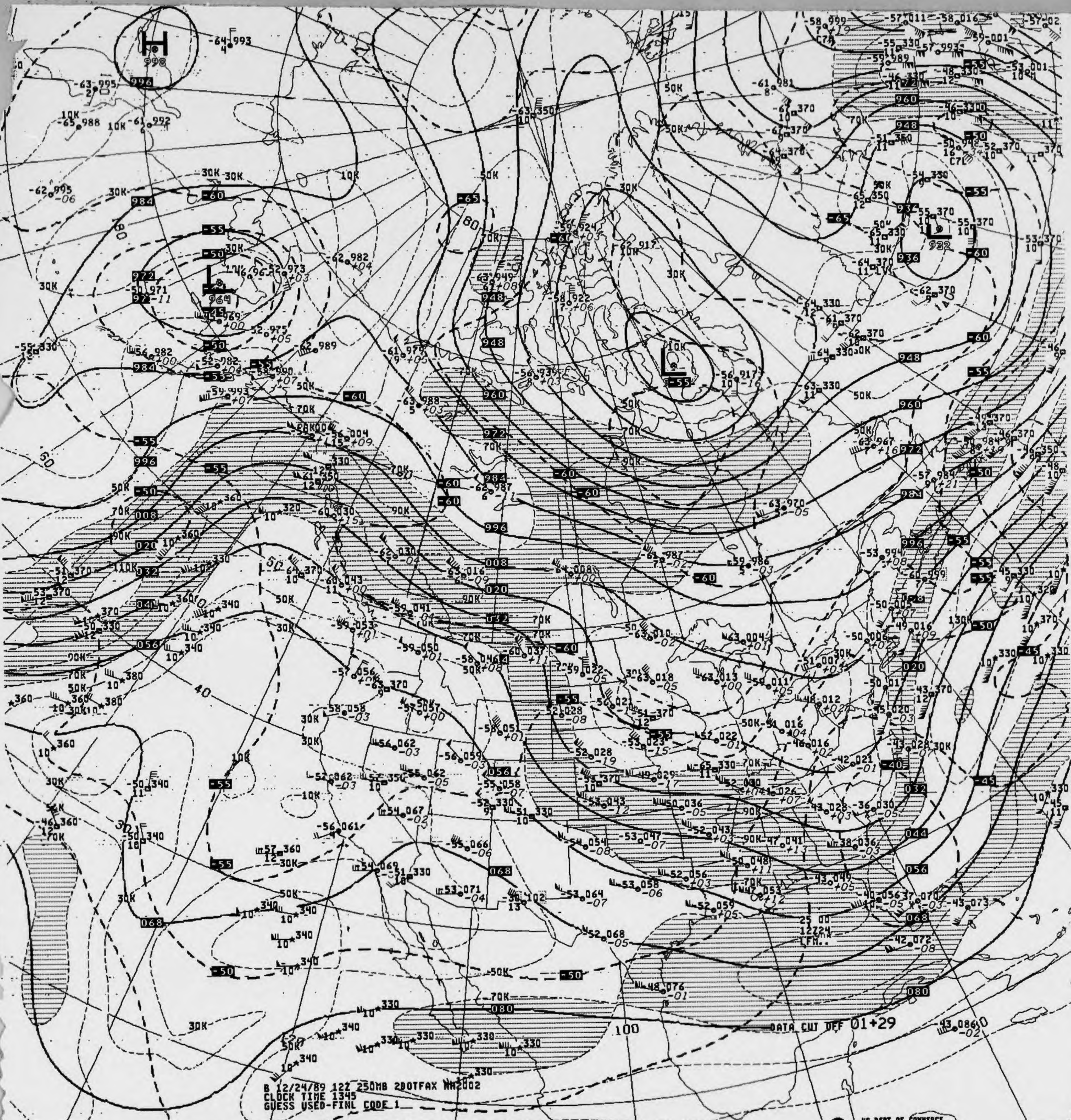
12Z23
LFM
8 12/23/89 12Z 250MB 200TFAX NH2002
CLOCK TIME 1354
GUESS USED-FINAL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

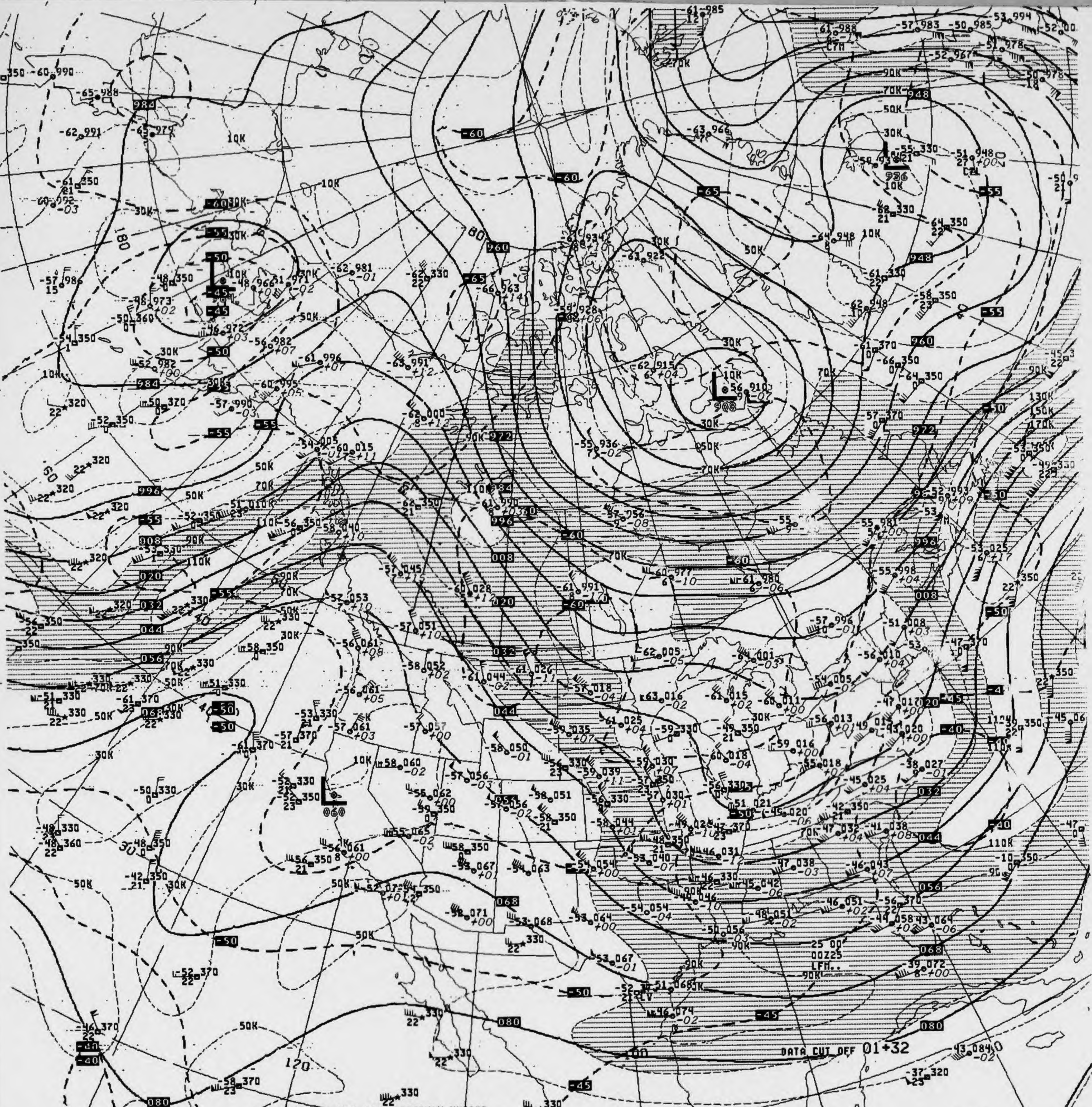
V44 .. 250MB ANALYSIS HEIGHTS/ISOTACHS-12Z SAT 23 DEC 89


H
L
L
L
996
984
972
960
948
936
932
008
020
032
044
056
068
080
-50
-55
-60
-65
-45
-40
30K
50K
70K
90K
110K
10K
40
50
60
80
100
25 00
1272A
LFM..
DATA CUT OFF 01+29

B 12/24/89 12Z 250MB 200TFAX NH2002
CLOCK TIME 1345
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 24 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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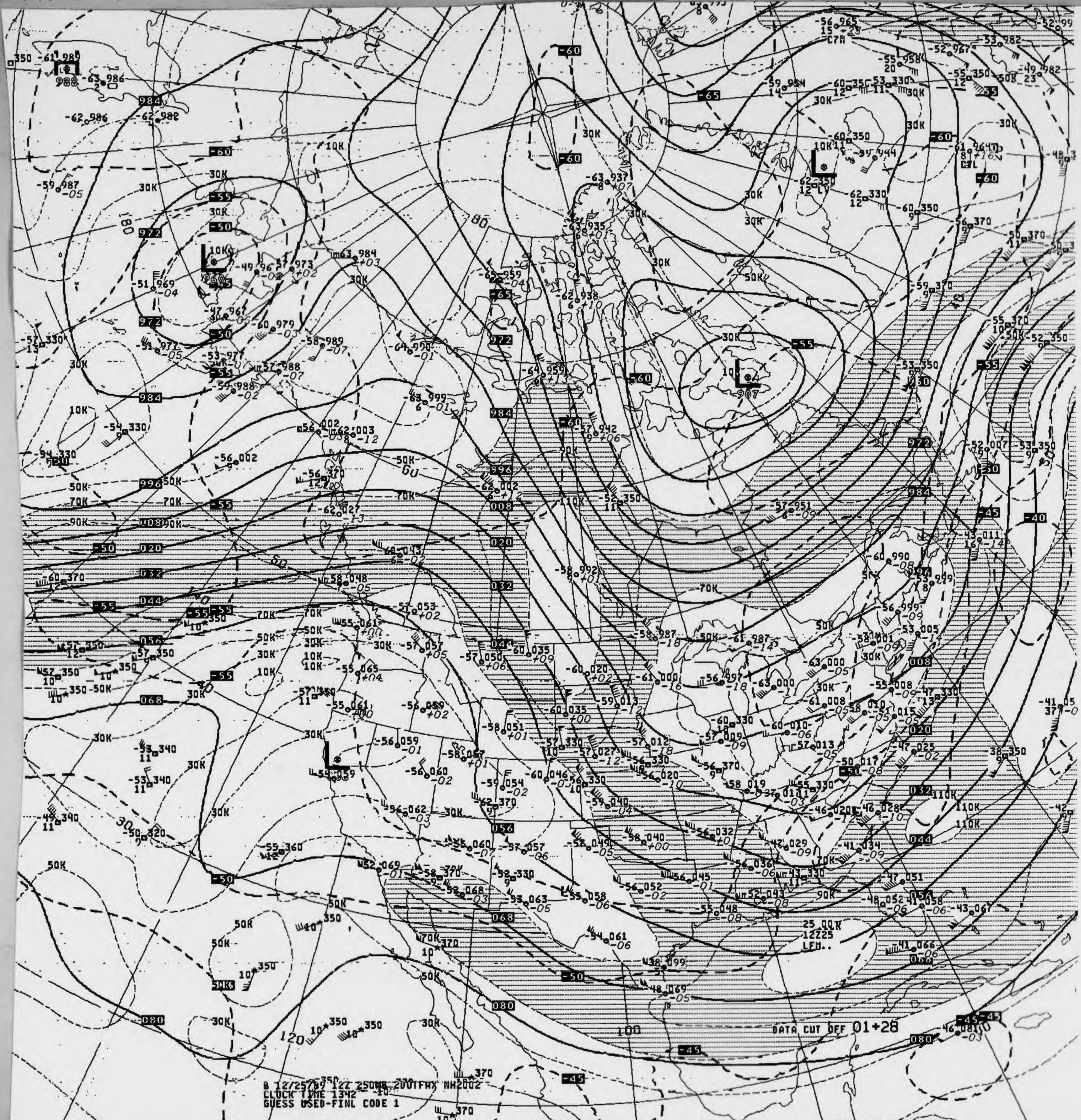
LFM..

B 12/25/89 00Z 250MB 200TFAX NH2002
CLOCK TIME 148
GUESS USED-FINL CODE 1

V041 ... 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 25 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 1342
GUESS USED-FINL CODE 1
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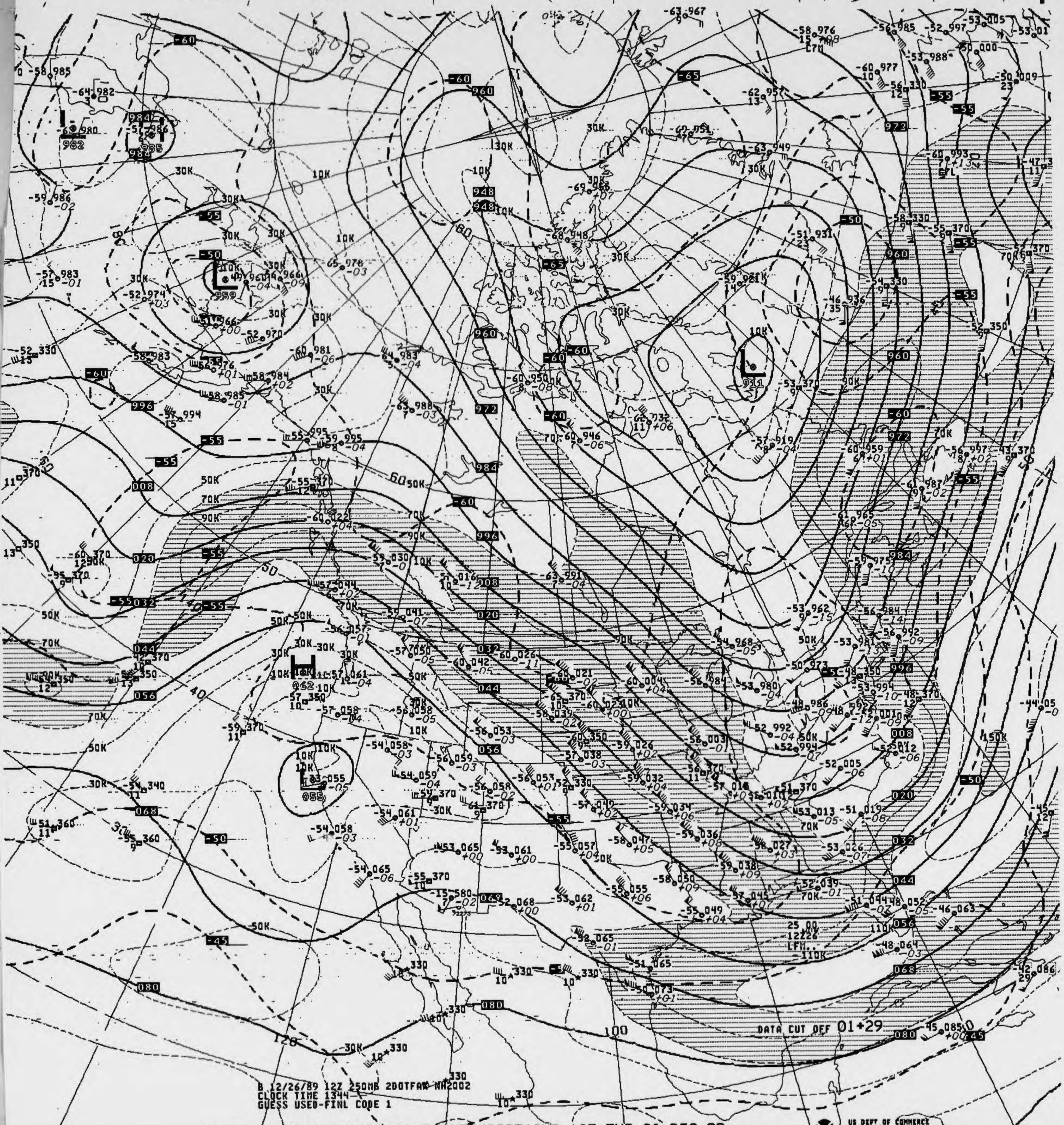
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 25 DEC 89

250MB

-53 068
6

ID 72273
LAT/LONG 31N110W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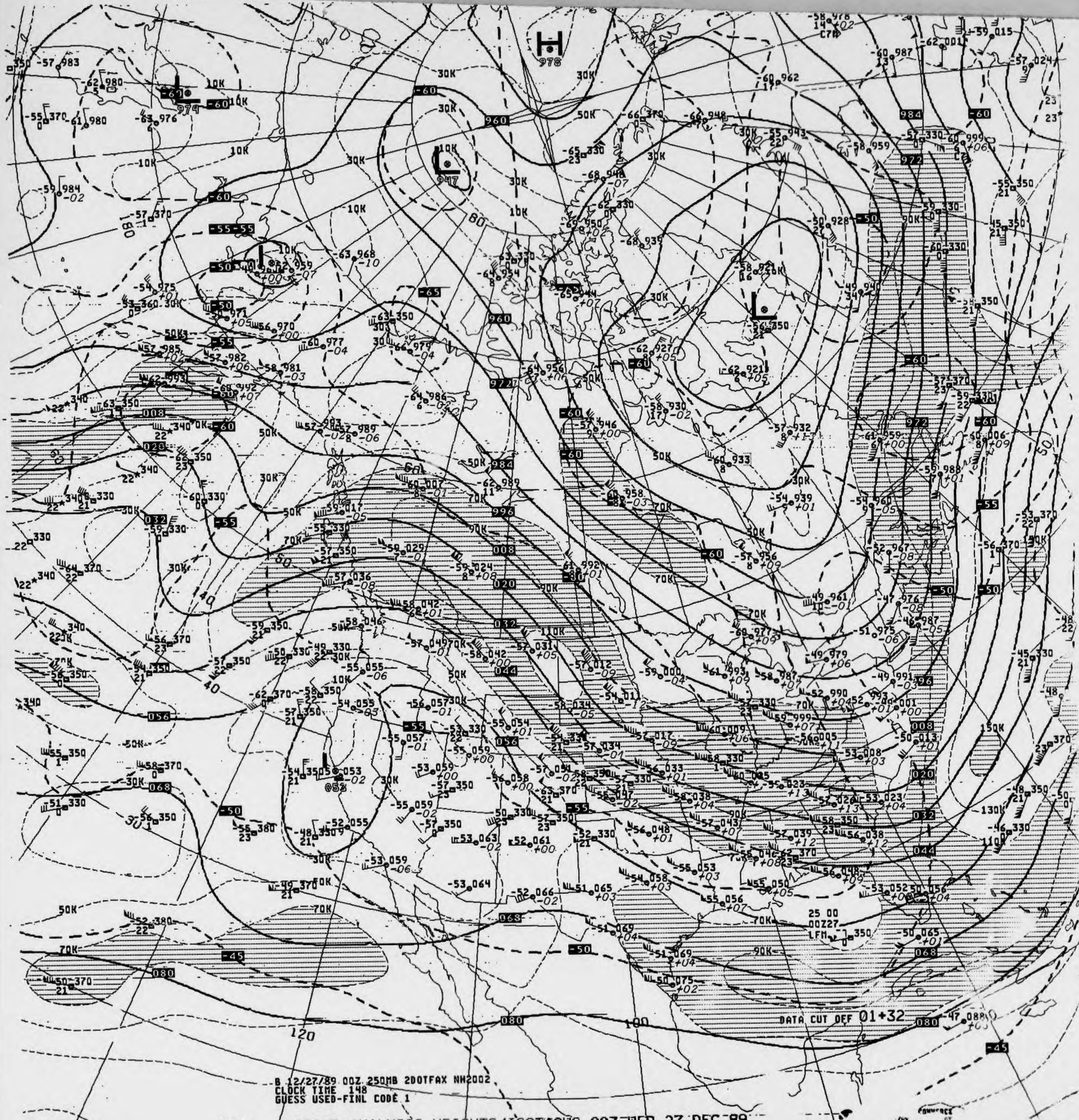
50K
70K
90K
110K
150K
-60
-55
-50
-45
-65
960
972
984
996
008
020
032
044
056
068
080
948
911
959
052
055
25 00
12Z26
LFM
DATA CUT OFF 01+29
120
100
80
60
50
40
30

B 12/26/89 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1344
GUESS USED-FINL CODE 1

V441 ... 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 26 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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972
984
996
008
020
032
044
056
068
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-55
-50
-45
30K
50K
70K
90K
110K
130K
150K
60
80
100
120
140

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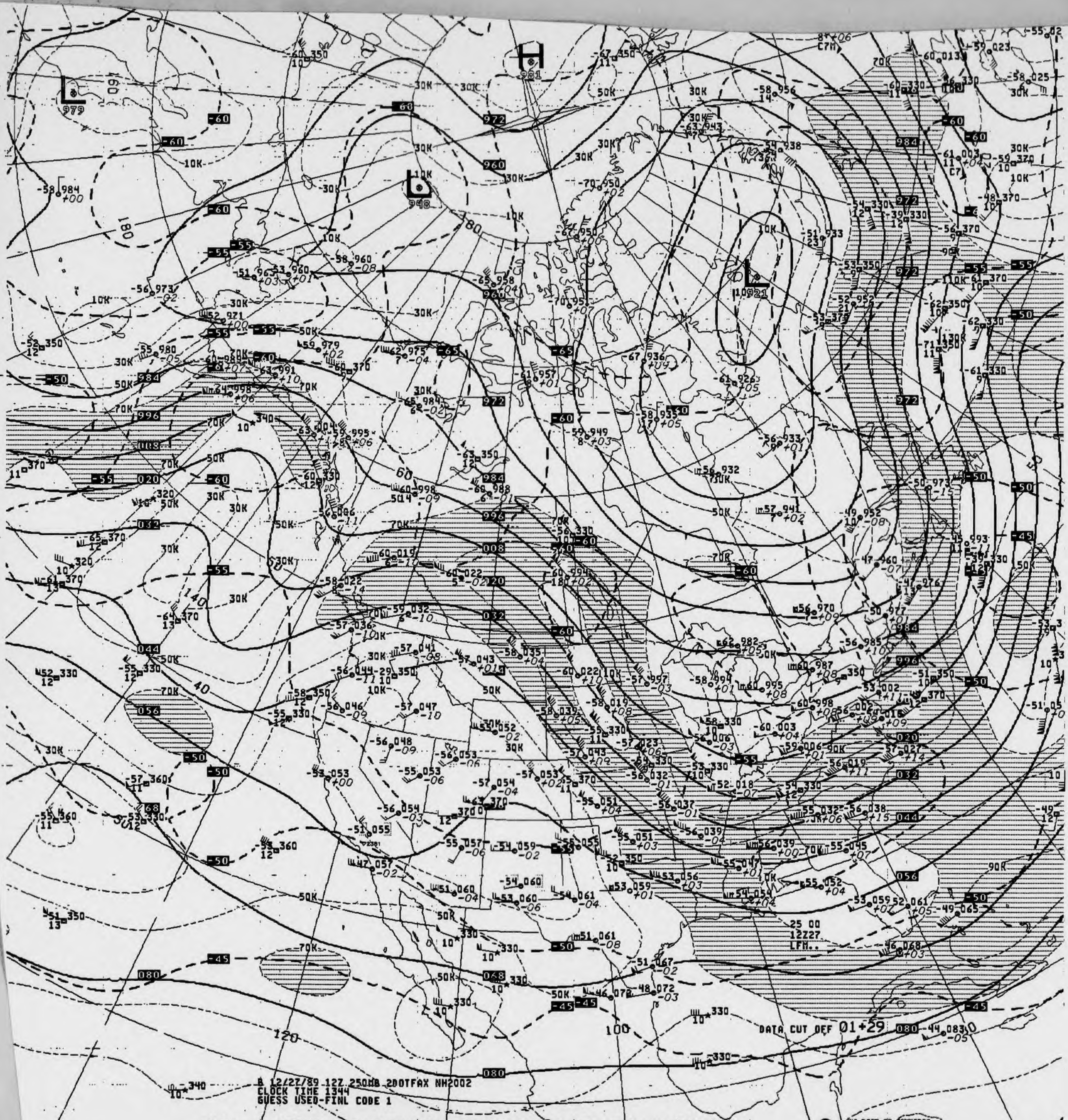
CLOCK TIME 148
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 27 DEC 89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CLOCK TIME 1344
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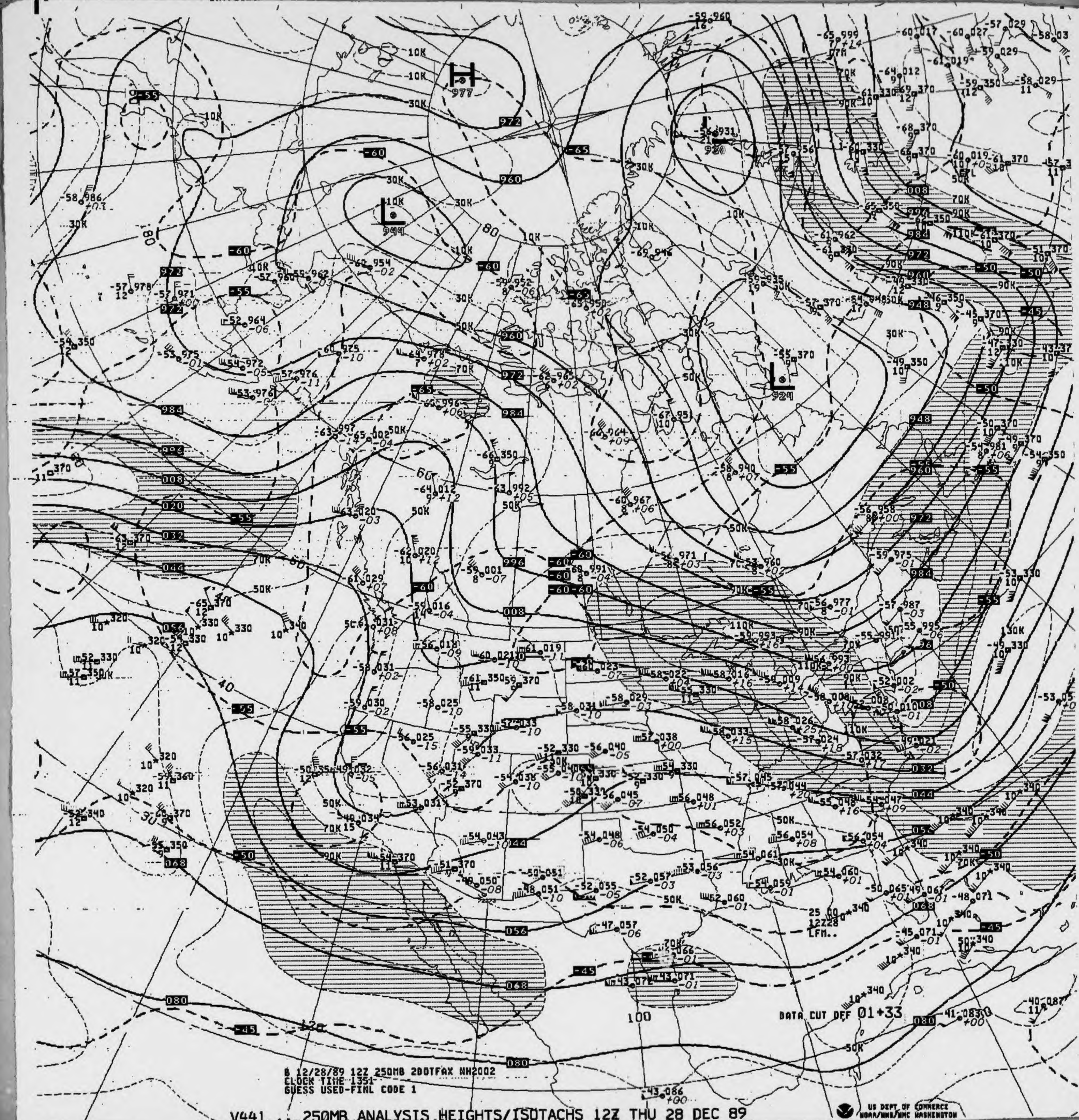
V441 ... 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 27 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

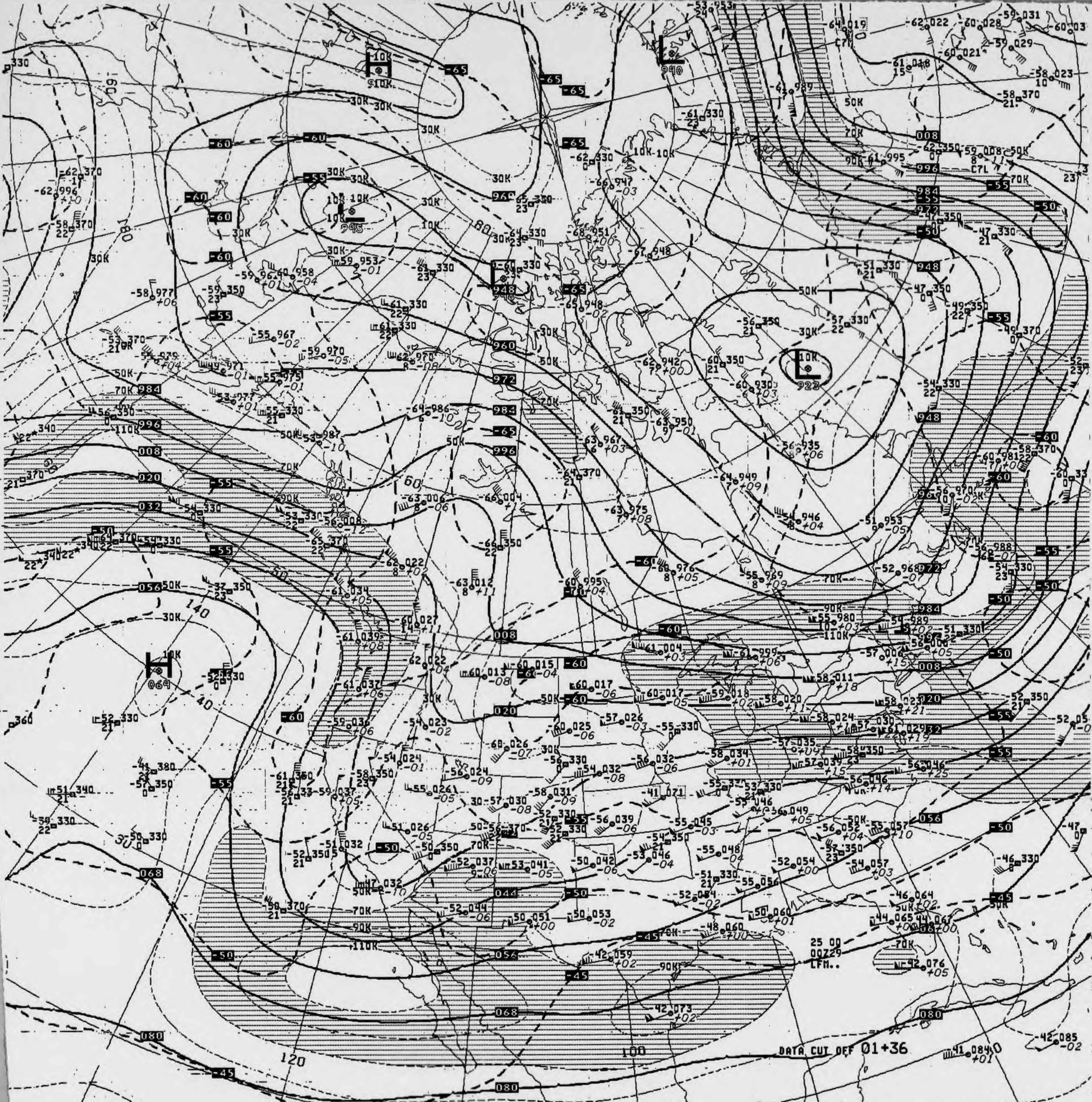

H
977
L
944
L
930
L
924
972
960
984
996
008
020
032
044
056
068
080
-55
-60
-65
-50
-45
10K
30K
50K
70K
90K
110K
130K
80
60
40
100
120
25 00
12Z28
LFM..

B 12/28/89 12Z 250MB 2BOTFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1

DATA CUT OFF 01+33

V441 ... 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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120
100
140

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GUESS USED-FINL CODE 1

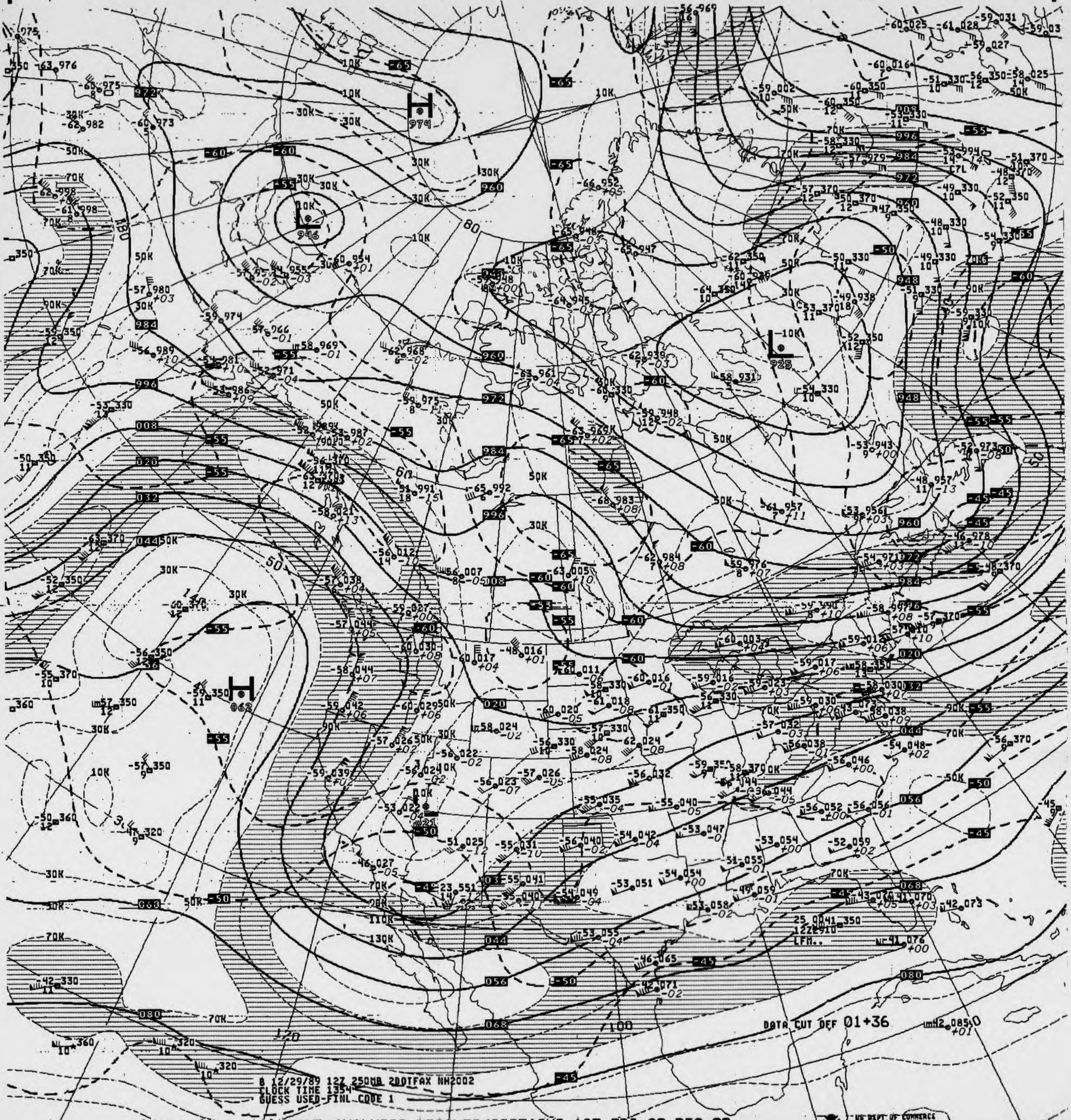
V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

250MB

-46 031

ID 72273
LAT/LONG 31N110W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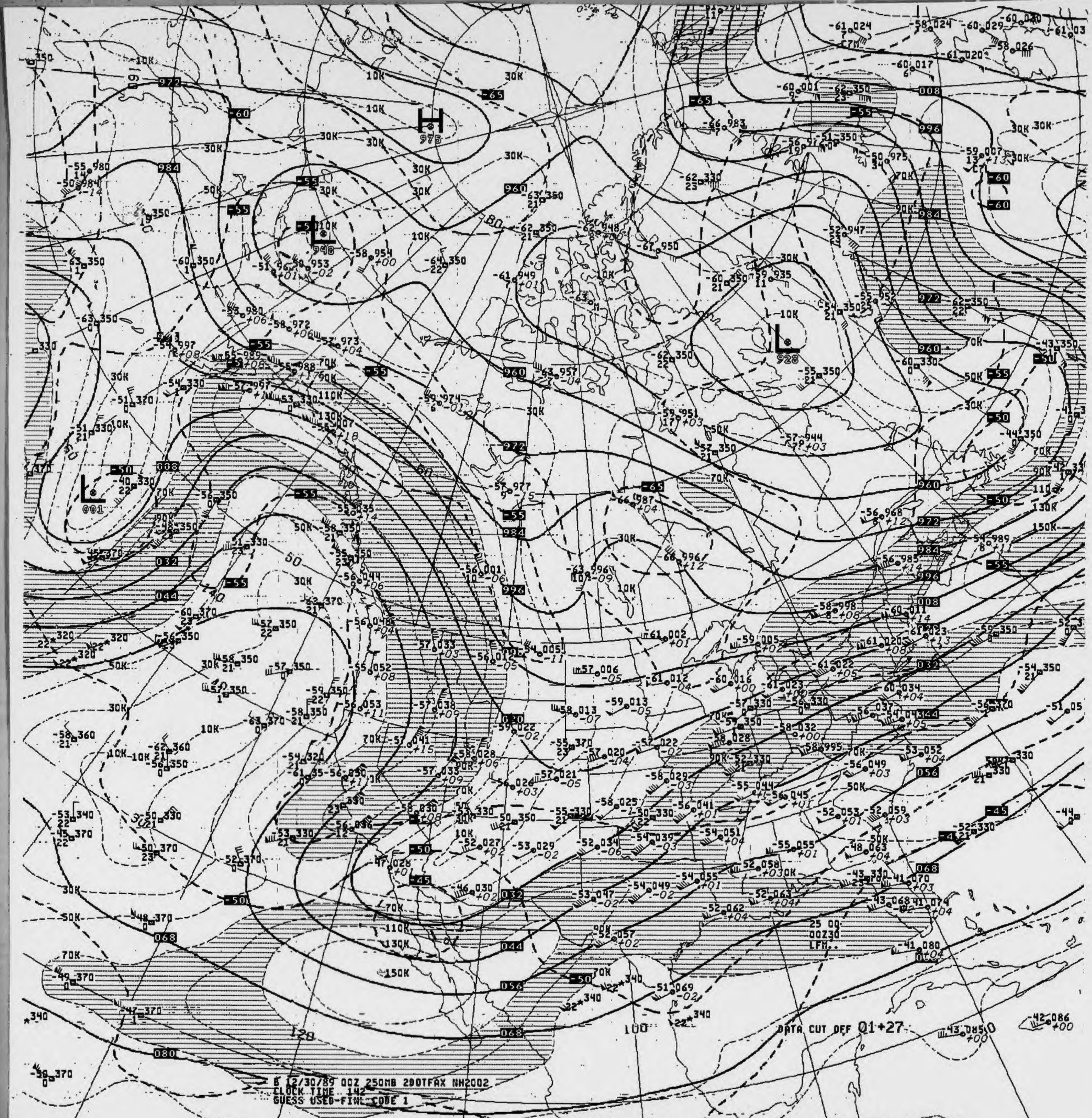
V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



6 12/30/89 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1
DATA CUT OFF 01+27
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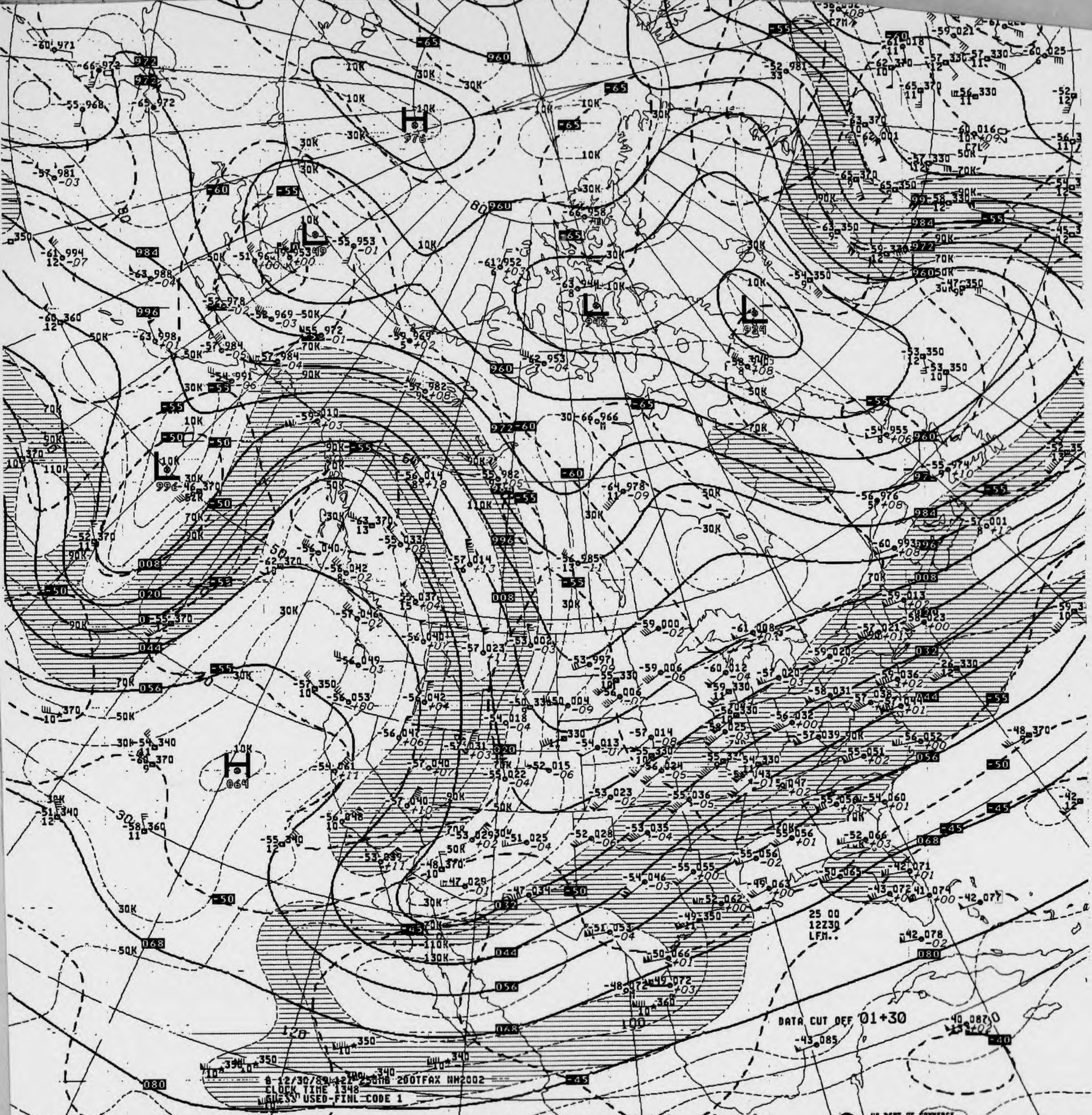
LFM..

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


8-12/30/89 12Z 250MB 200TFAX NH2002
CLOCK TIME 1348
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DATA CUT OFF 01+30
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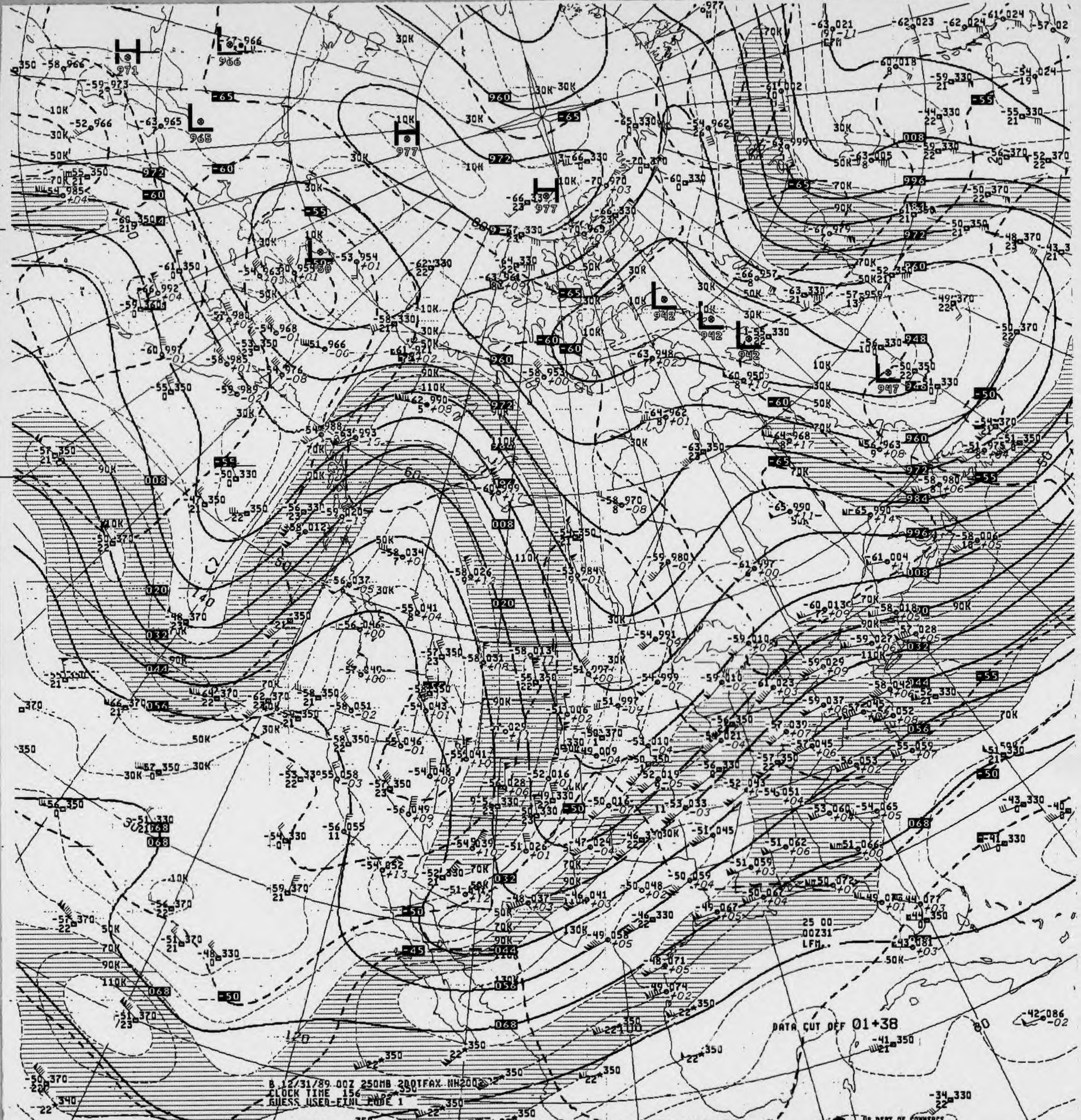
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

-V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 30 DEC 89

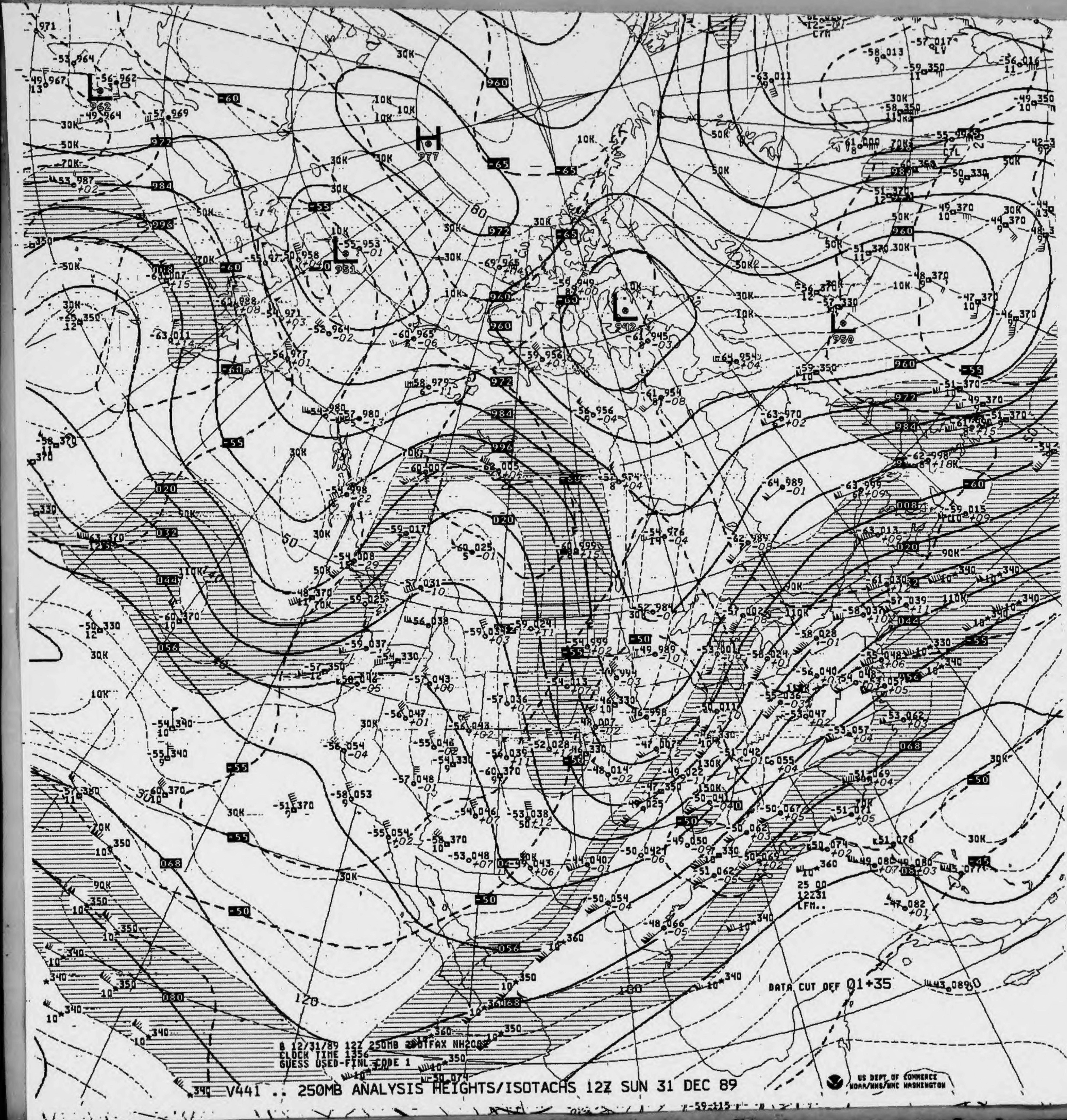

H
971
966
965
977
977
L
942
942
942
947
960
972
984
996
008
020
032
044
056
068
-65
-60
-55
-50
-45
10K
30K
50K
70K
90K
110K
130K
25 00
00231
LFM..

B 12/31/89 00Z 250MB 200TFAX NH2003
CLOCK TIME 156
GUESS USED-FINL CODE 1

DATA CUT OFF 01+38

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 31 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
977
L
962
L
951
L
942
L
950
960
972
984
996
008
020
032
044
056
068
080
-60
-65
-55
-50
-45
10K
30K
50K
70K
90K
110K
130K
150K
50
80
100
120
25 00
12231
LFM..
DATA CUT OFF 01+35
B 12/31/89 12Z 250MB 250TFAX NH2005
CLOCK TIME 1356
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 31 DEC 89

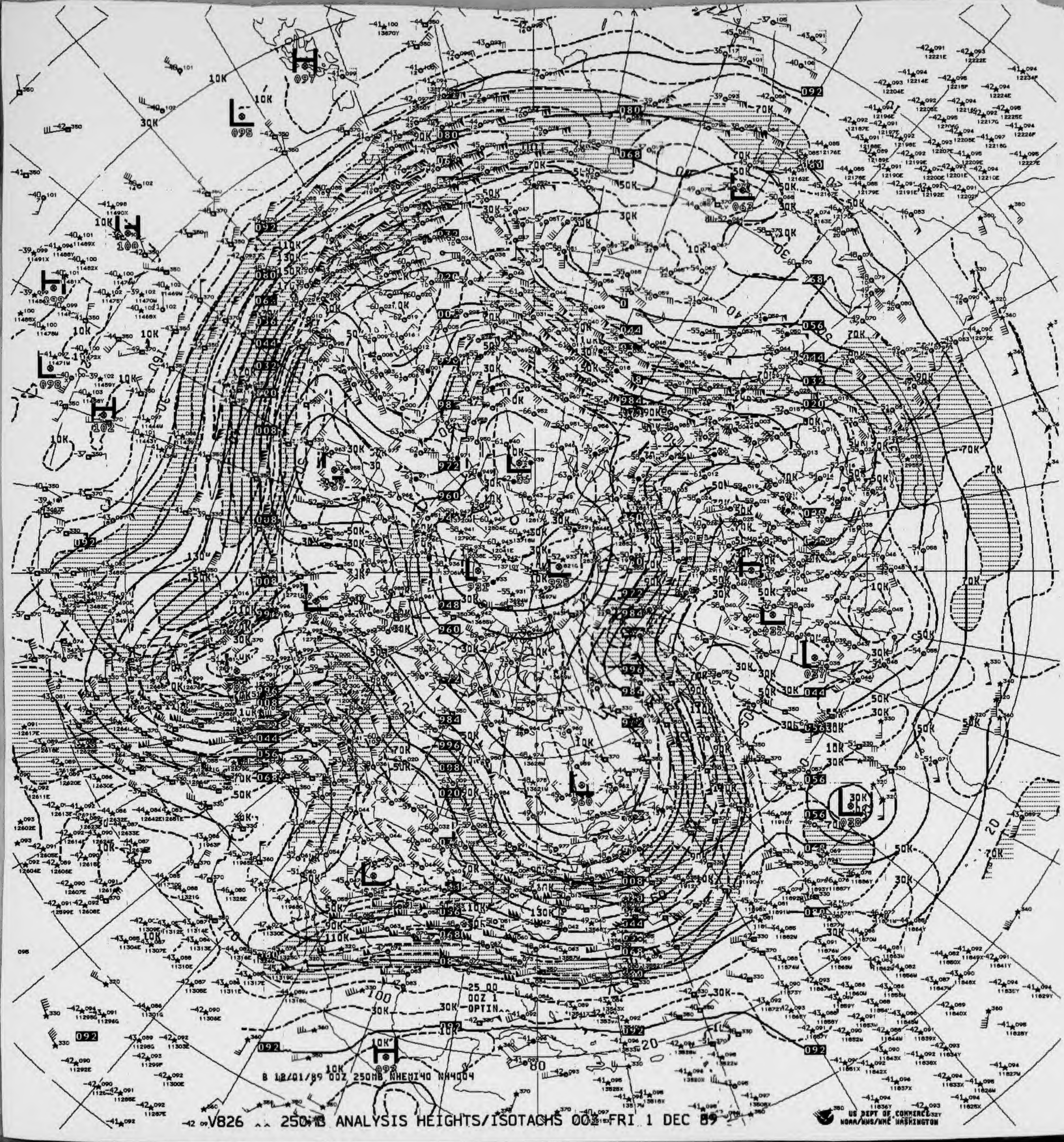
OAA Form 48 - 364B
Rev. 8- 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

250 MB CONSTANT PRESSURE CHARTS

NORTHERN HEMISPHERE NWP

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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V826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 1 DEC 89
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
25 00
00Z 1
OPTIN
H
L
10K
30K
50K
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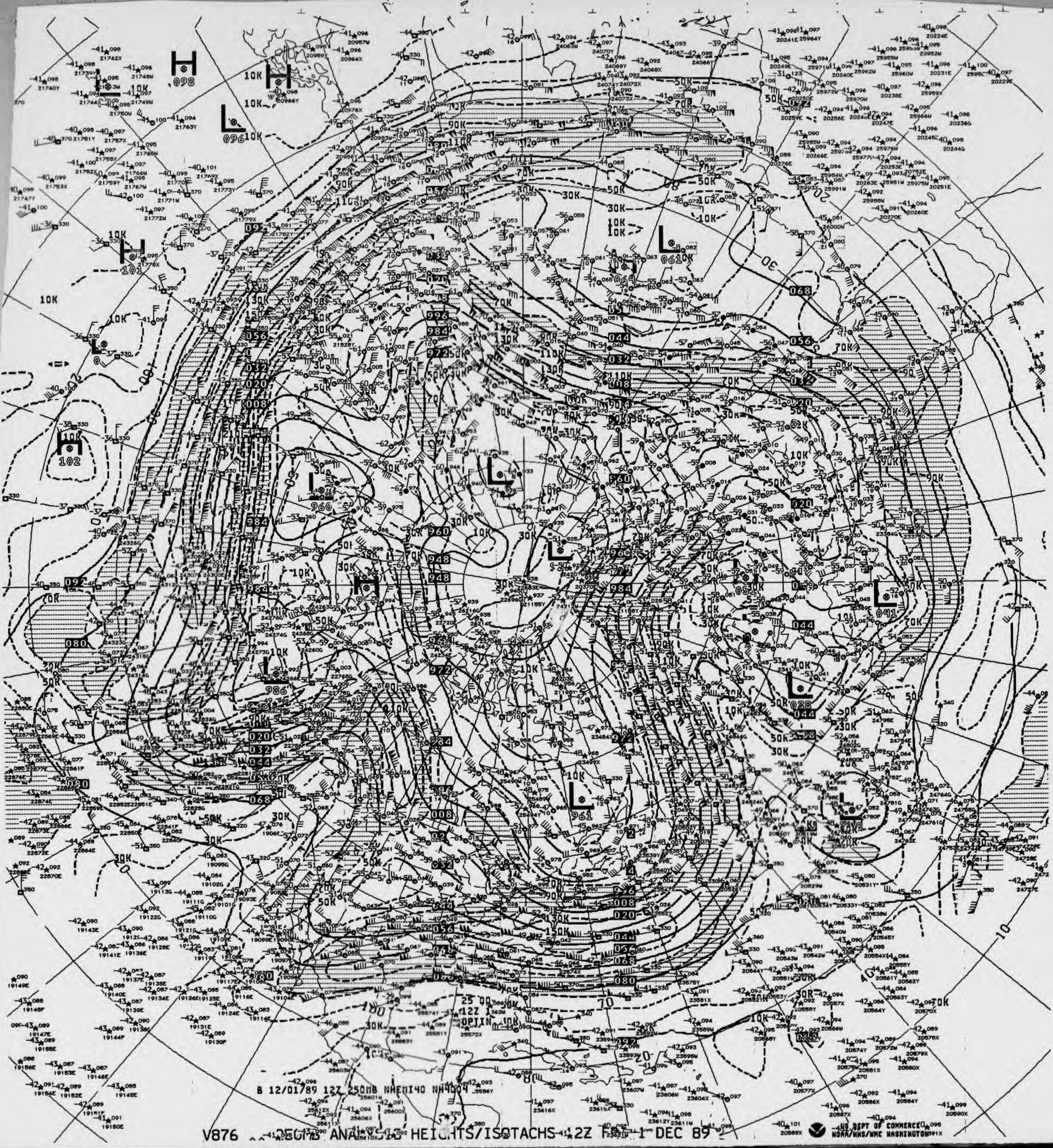
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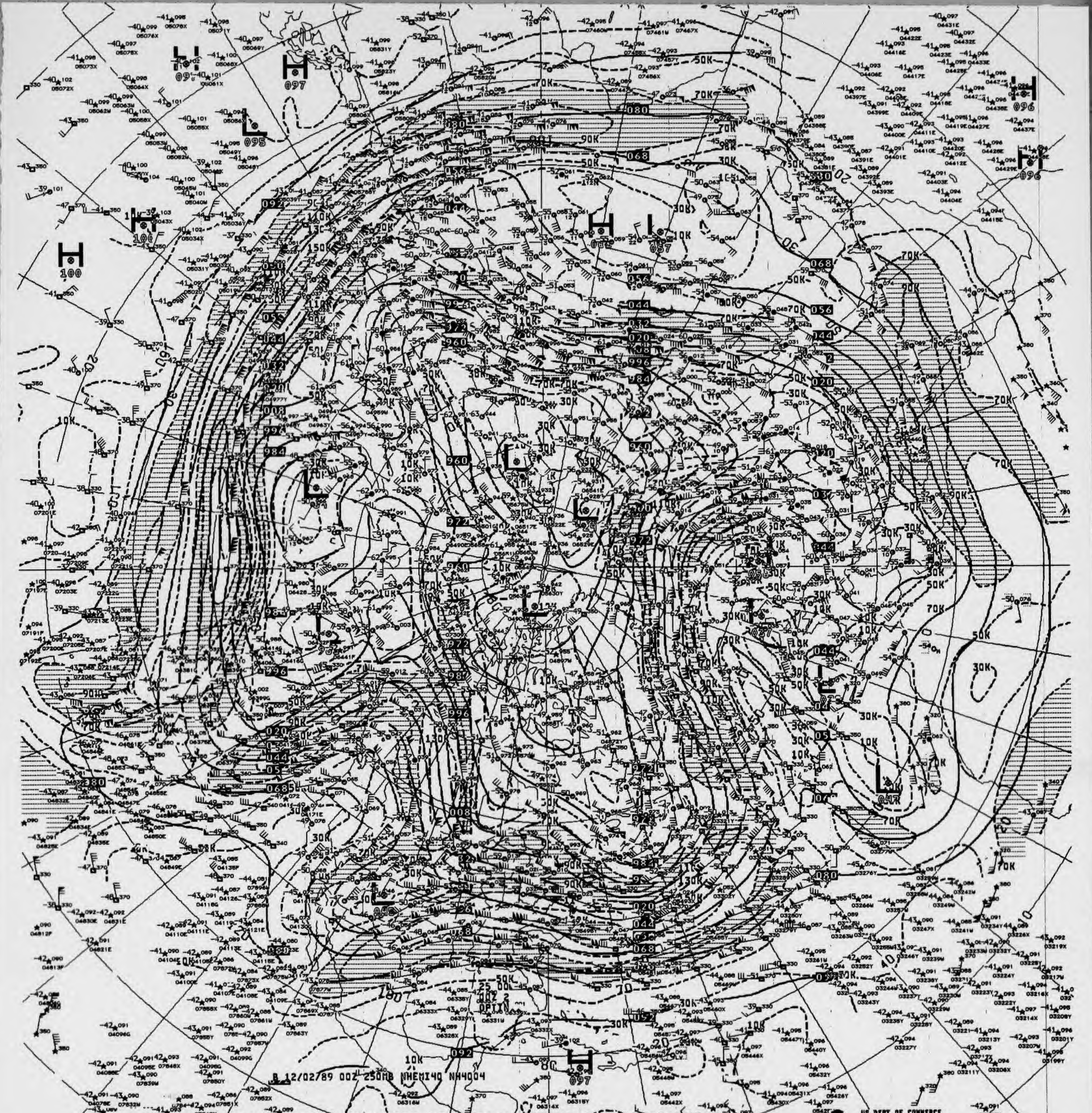
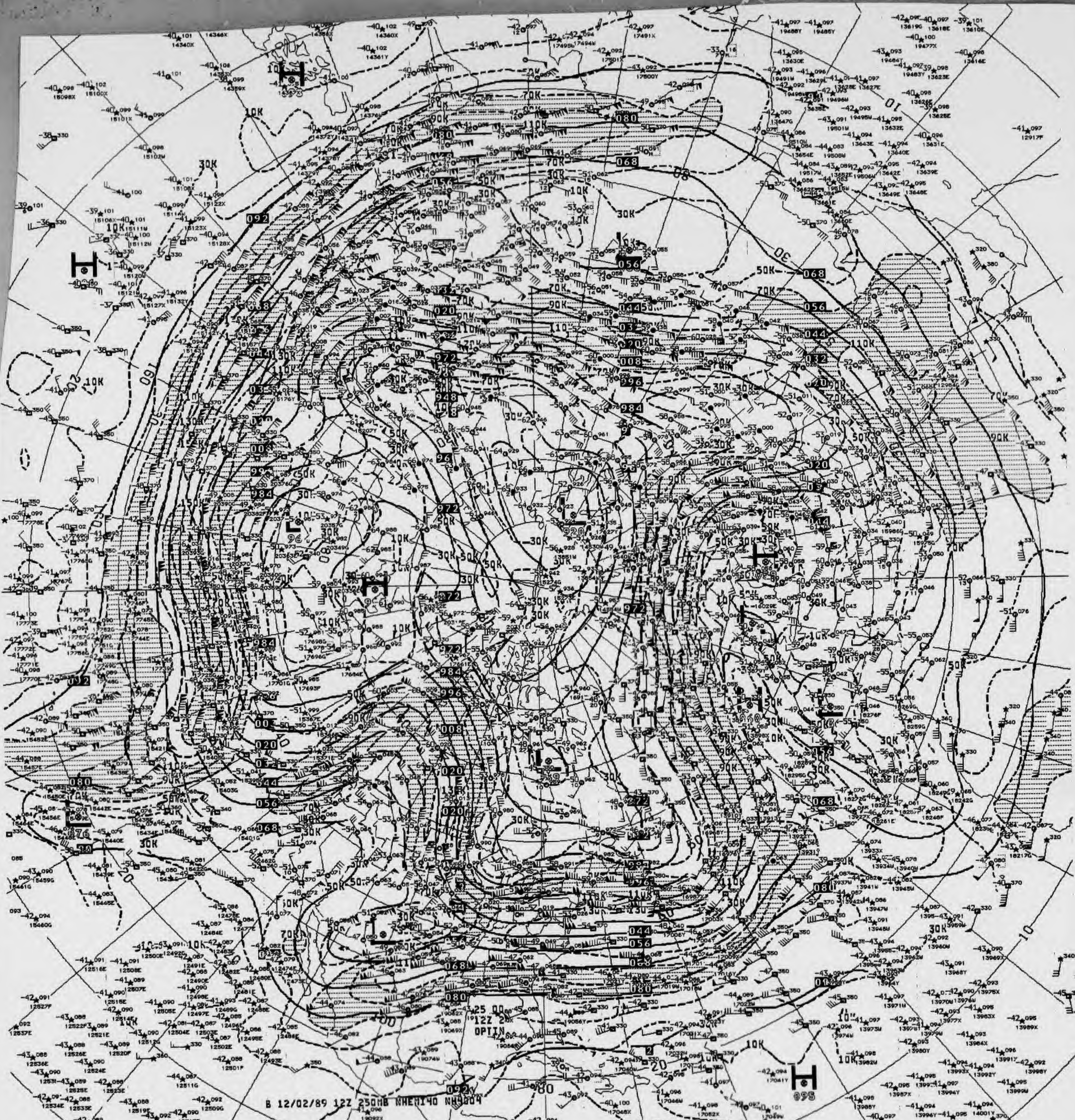
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V876 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 1 DEC 89


8 12/02/89 00Z 250MB NHEMI40 NH4004

V82 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 2 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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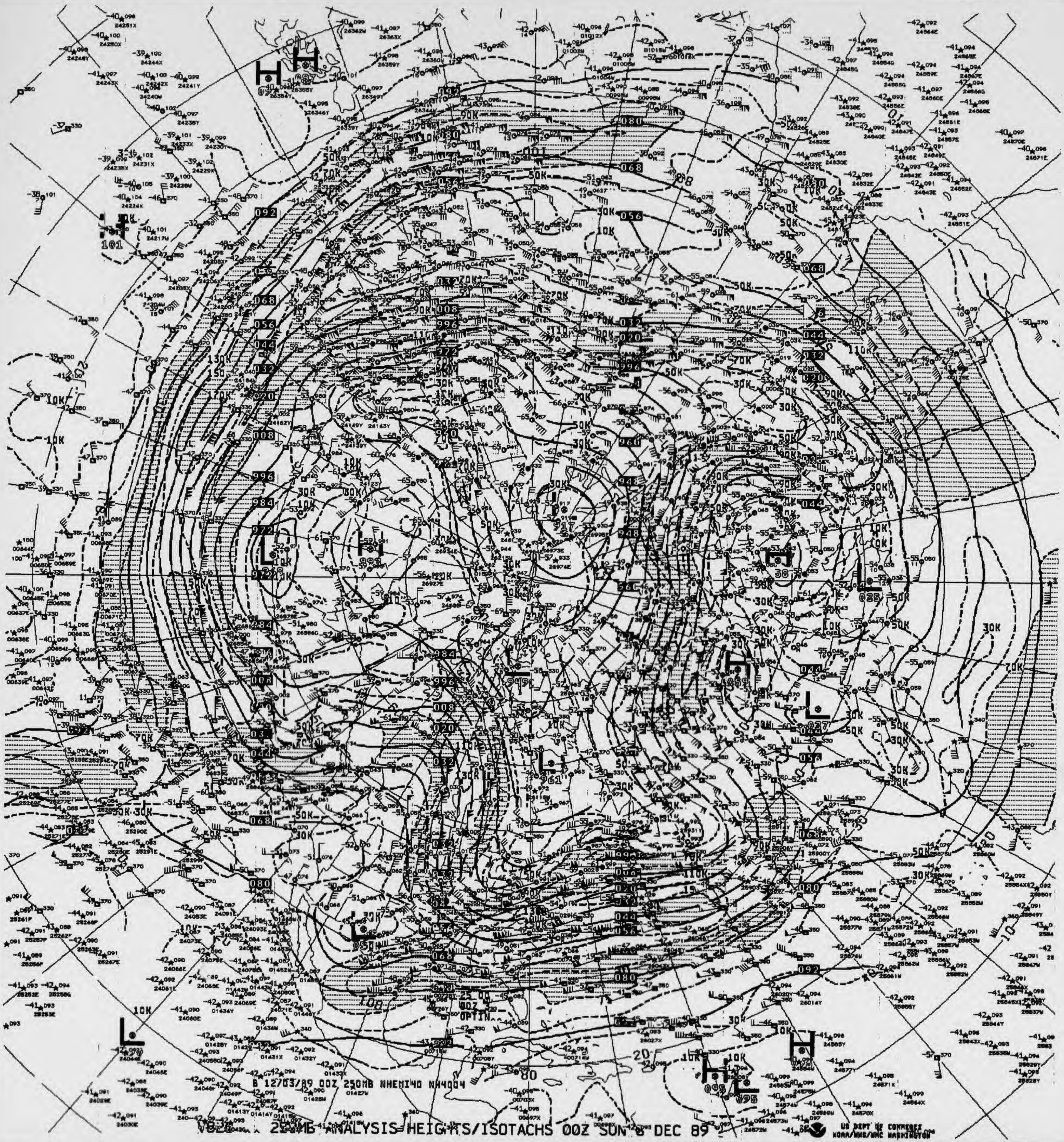
12Z 2
OPTIN

V876 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 2 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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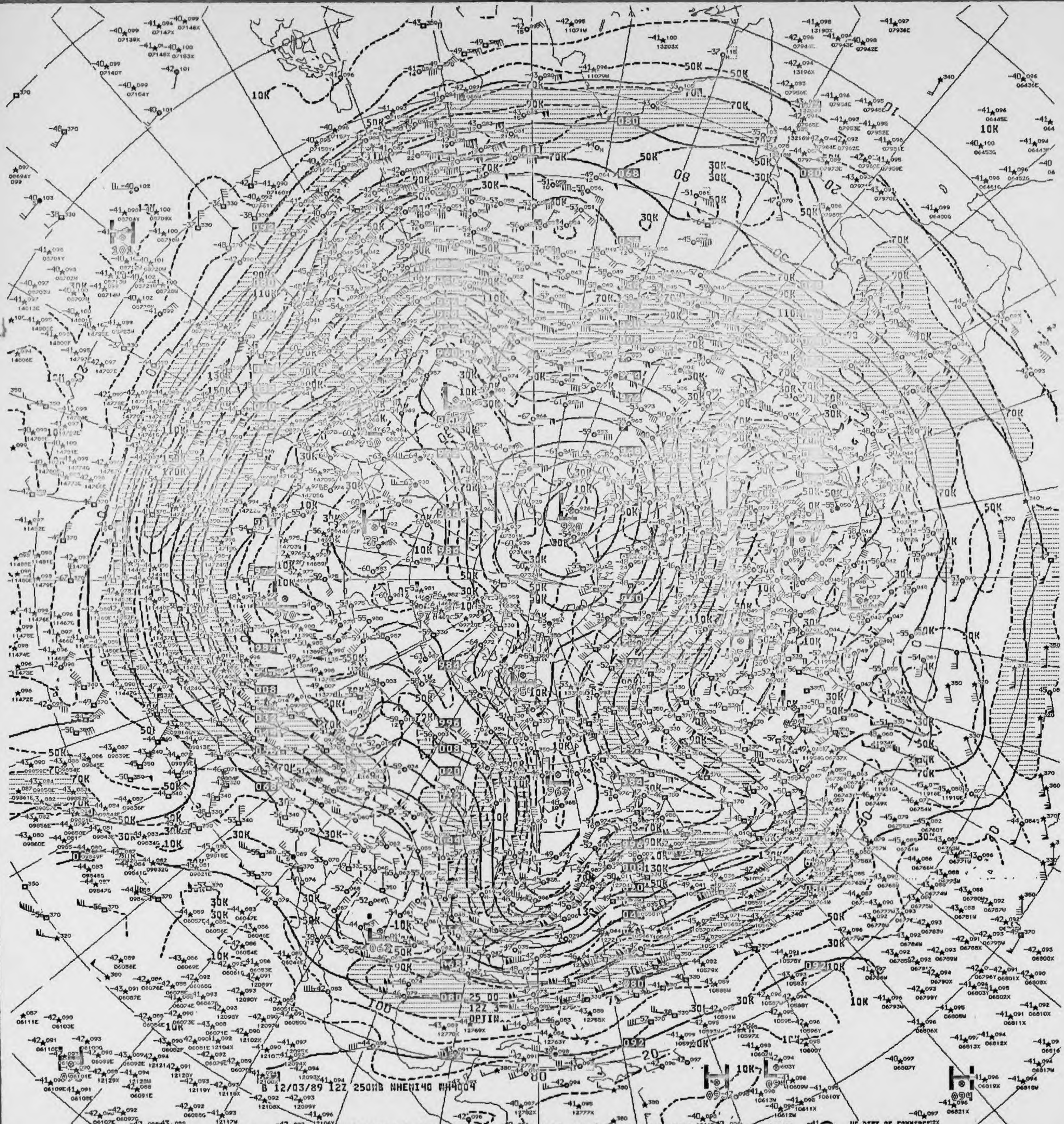
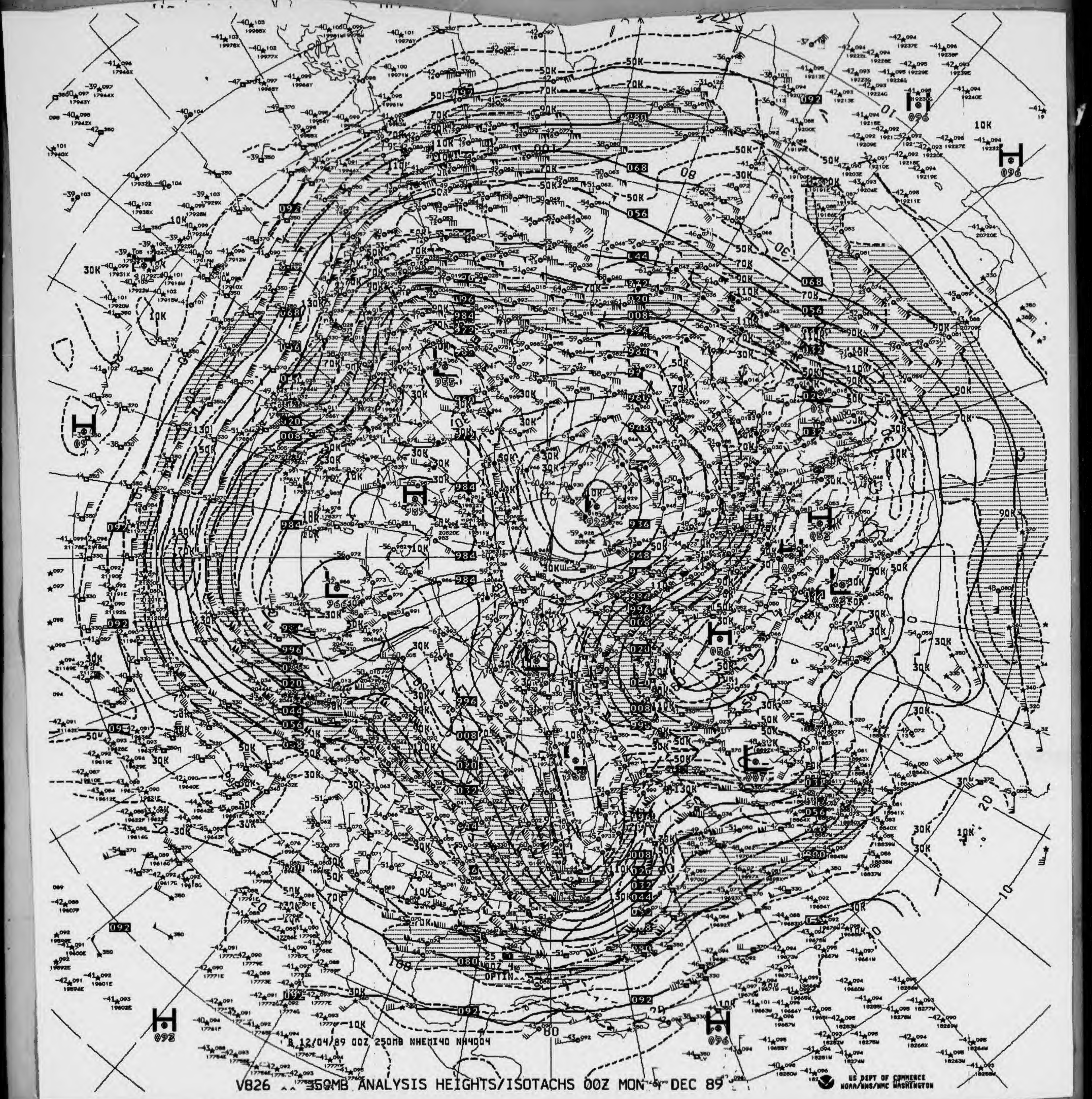
250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/03/89 12Z 250MB NHEMI40 WW4004
10K
30K
50K
70K
90K
110K
130K
150K
170K
920

V876 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 3 DEC 89

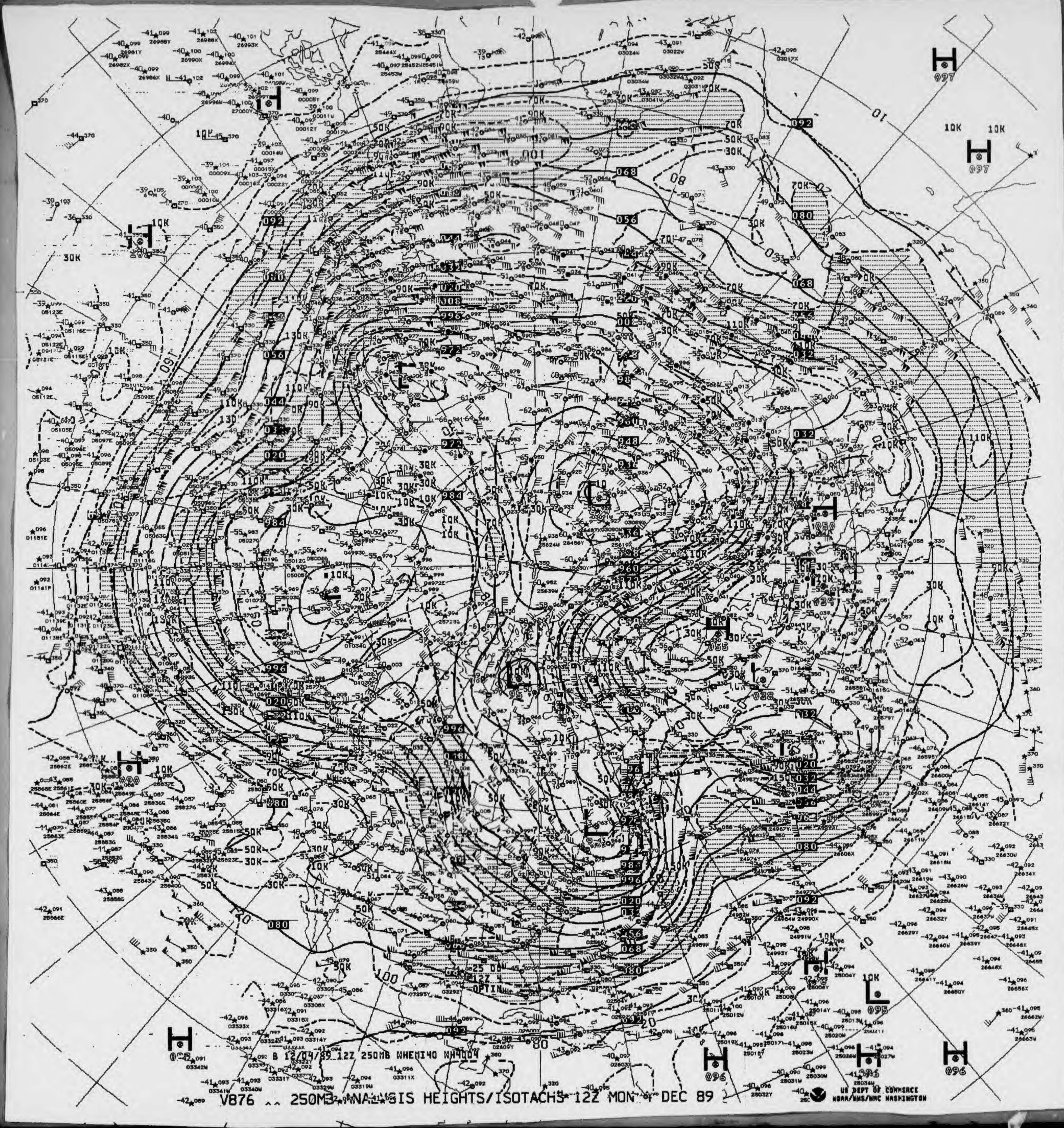
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
L
50K
70K
90K
110K
130K
30K
10K
092
080
068
056
044
032
020
008
996
984
972
960
948
936
OPTIN

B 12/04/89 00Z 250MB NHEMI40 NH4004

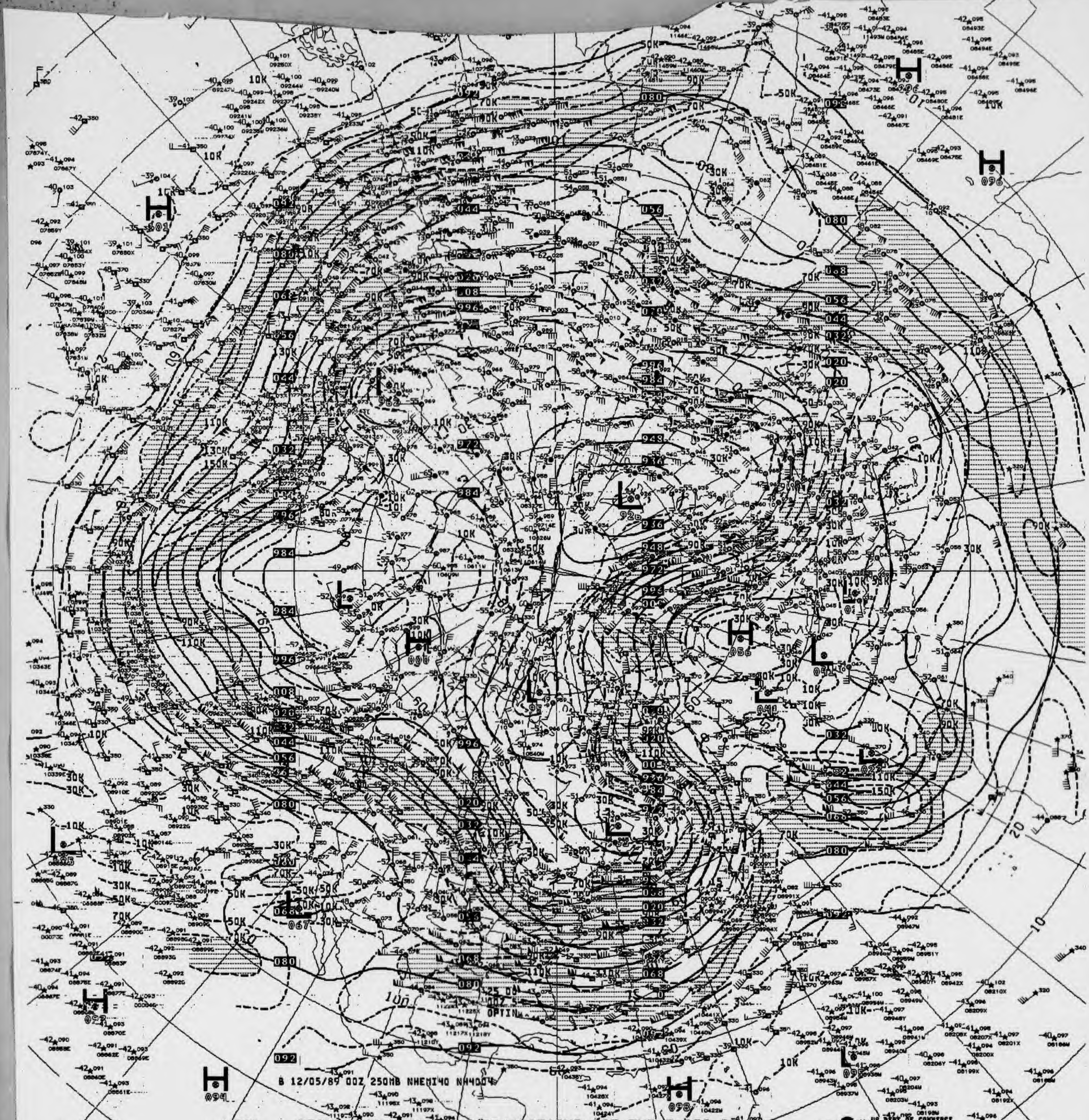
V826 ^^ 350MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/04/89 12Z 250MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V876 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 4 DEC 89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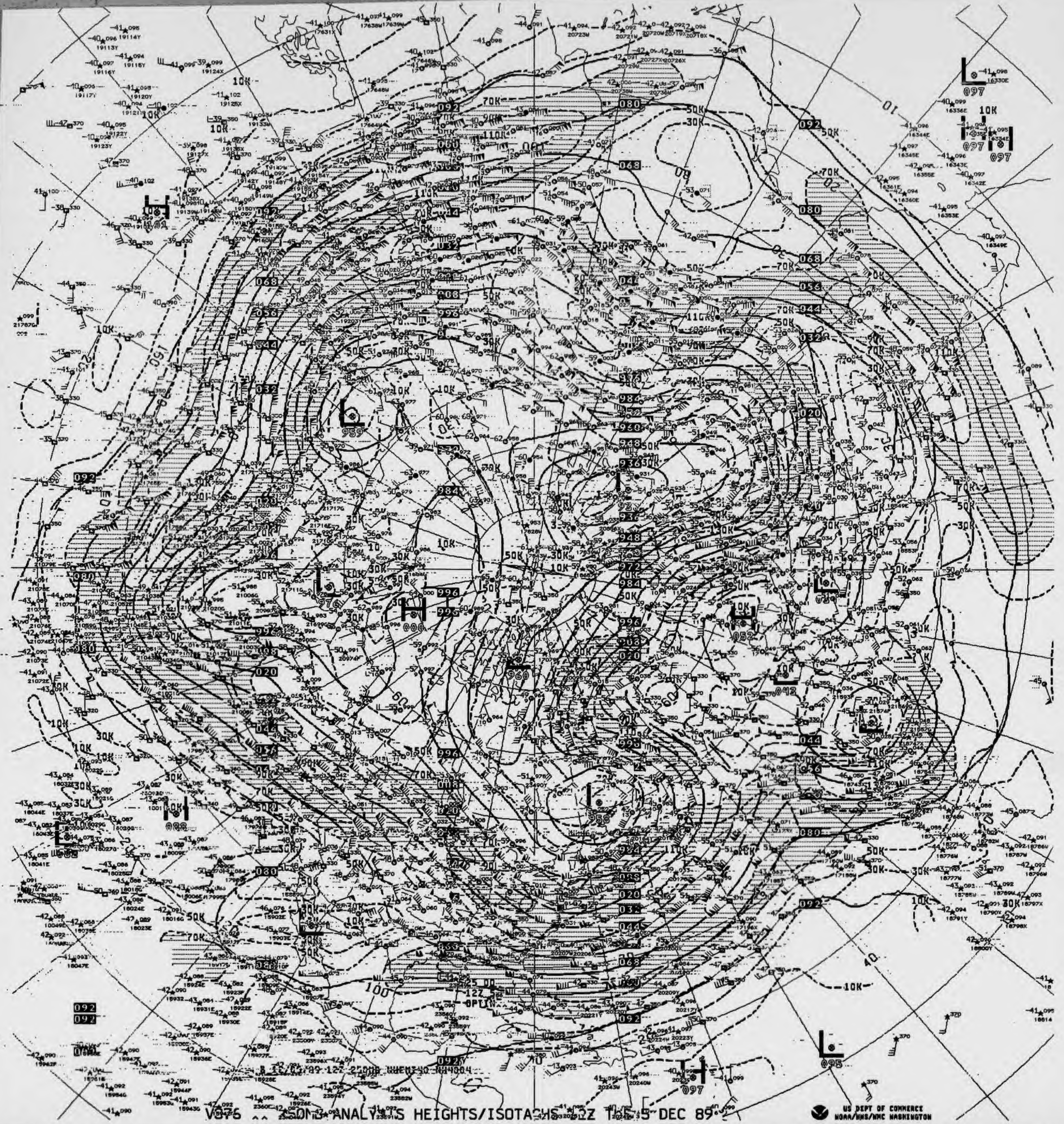
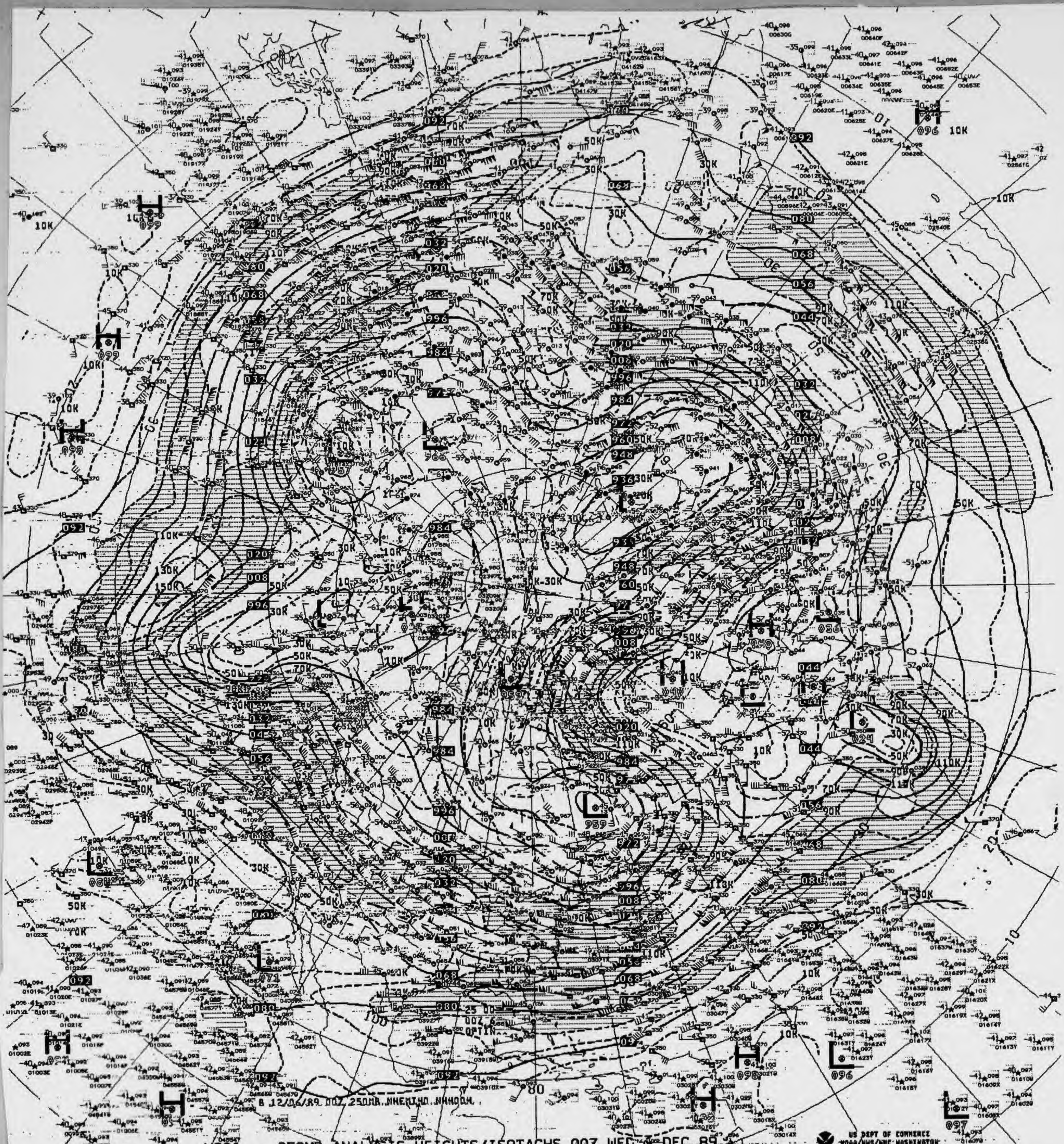
V826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 5 DEC 89

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON

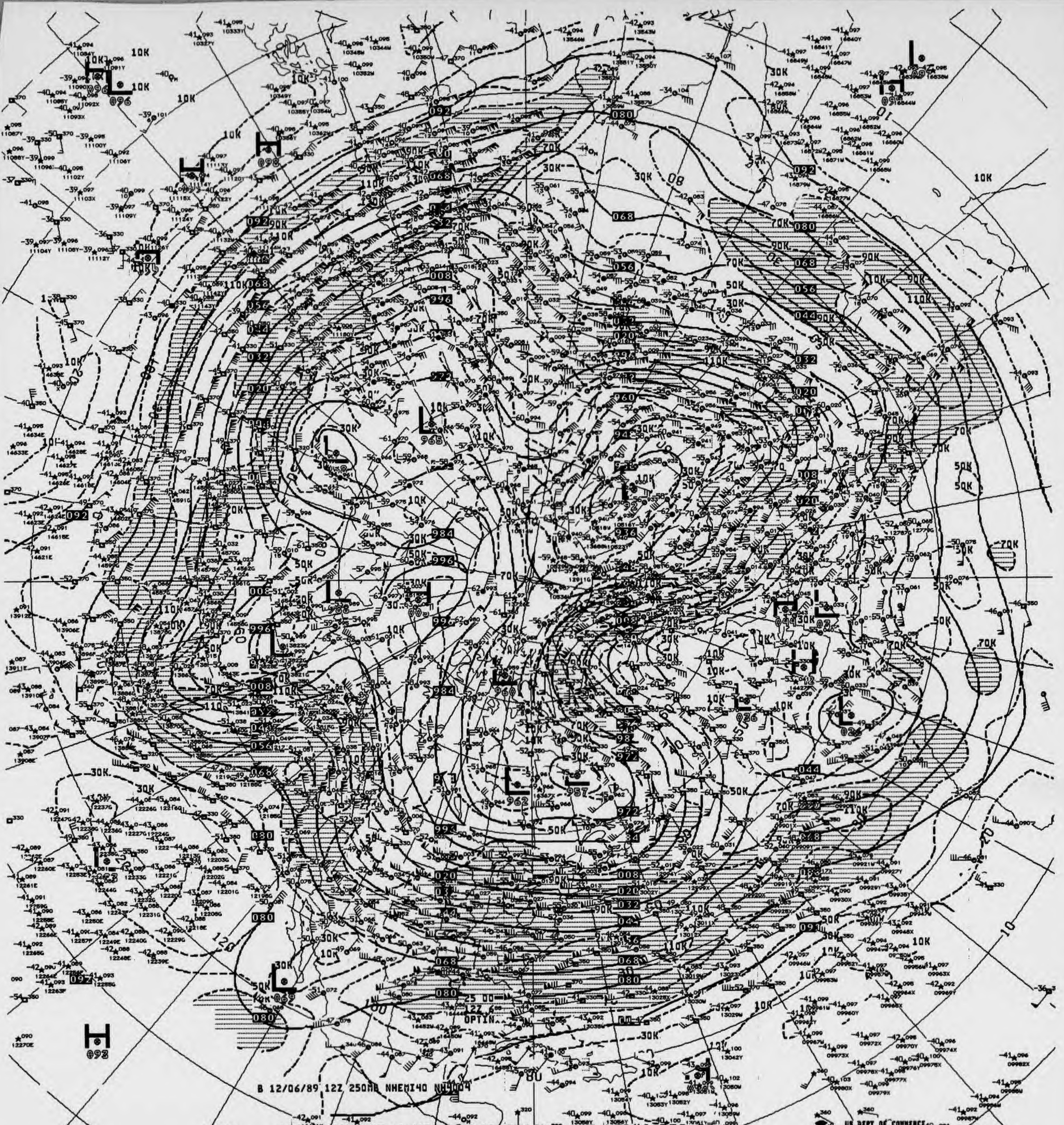

8 12/05/89 12Z 250MB WHEMI40 KWBC

V876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 5 DEC 89

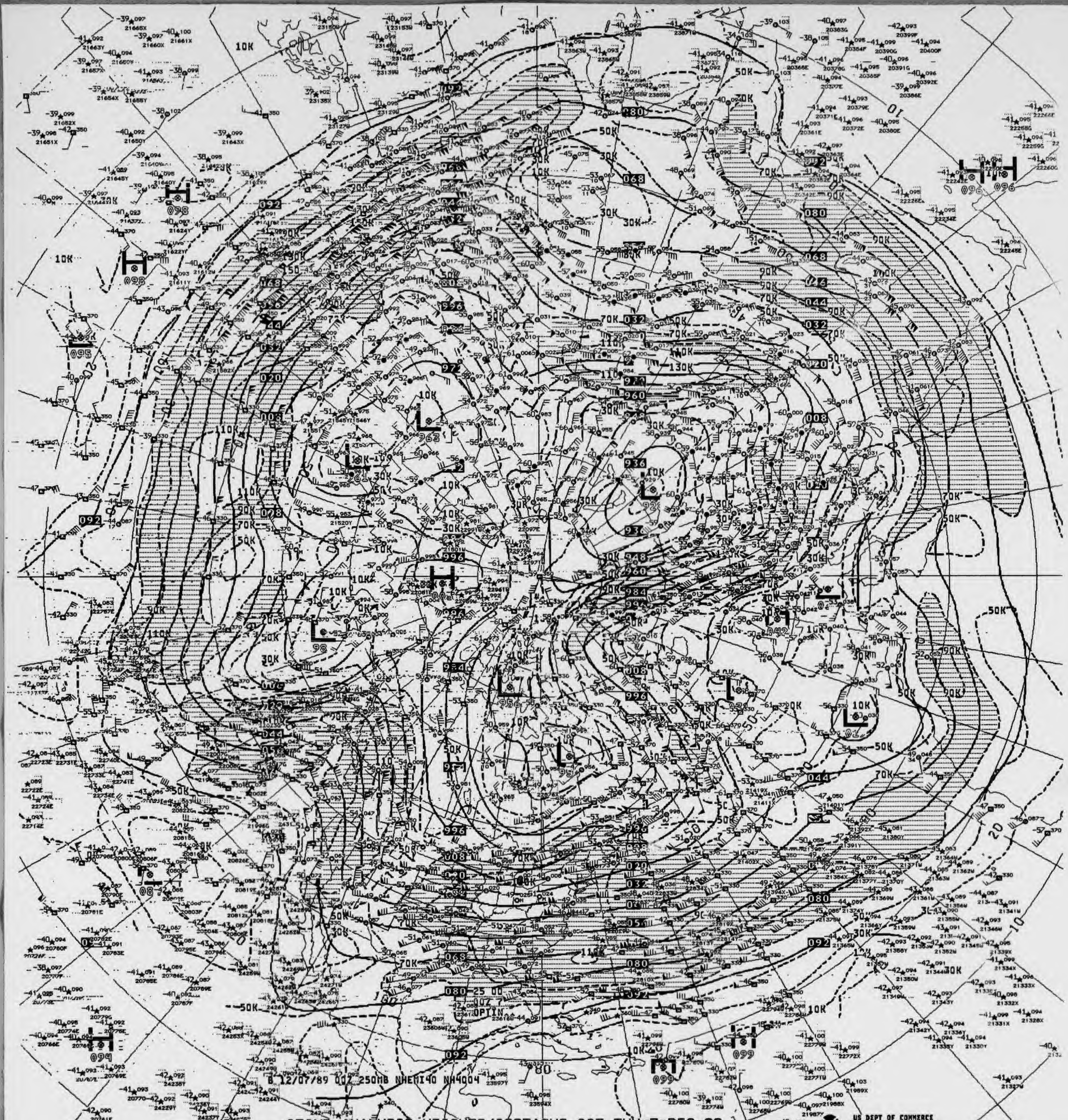
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/06/89 00Z 250MB NHEMIHO NHHOOH
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V826 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 6 DEC 89

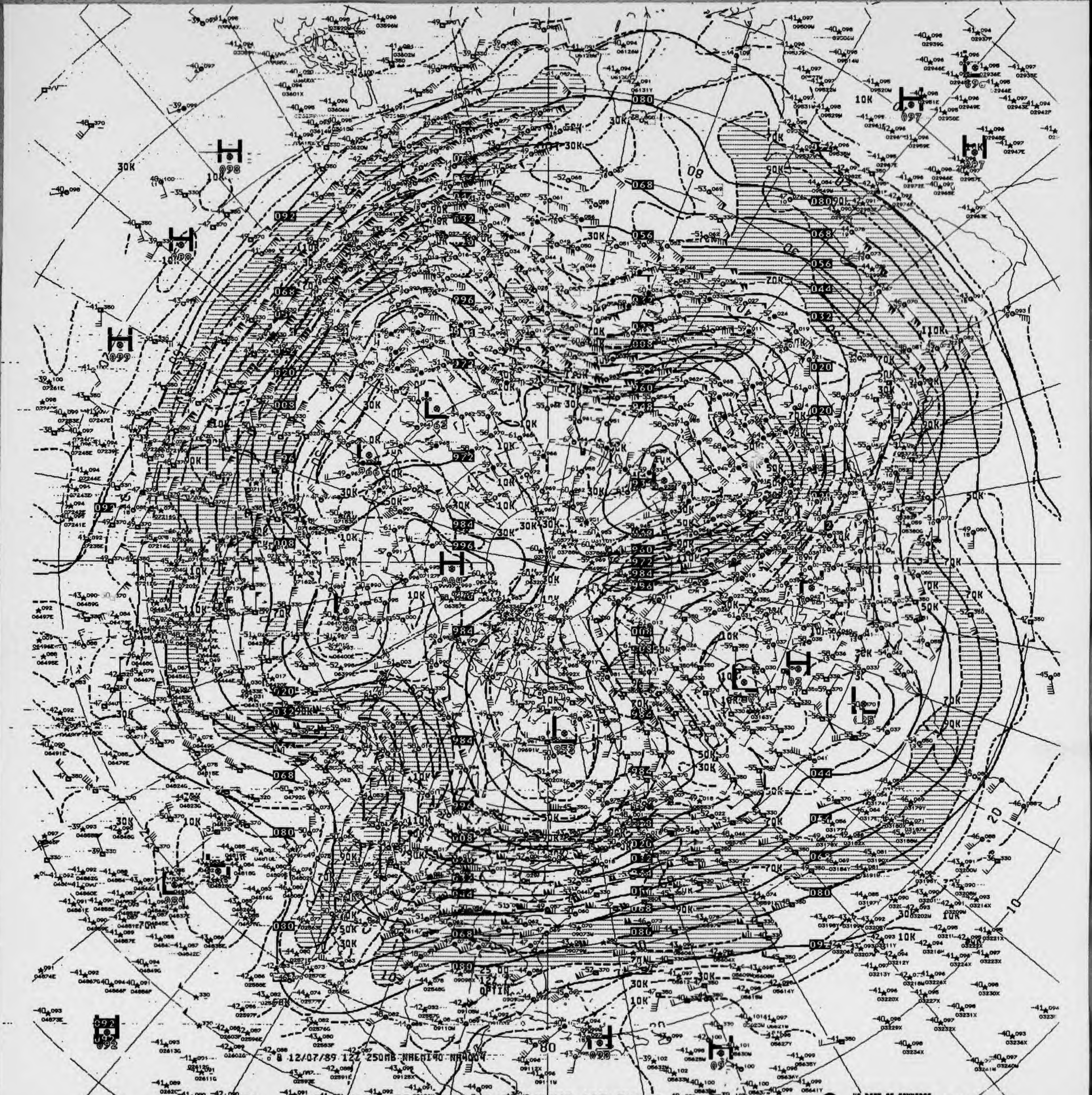

B 12/06/89 12Z 250MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 6 DEC 89


8 12/07/89 00Z 250MB NHEMI40 NH4004

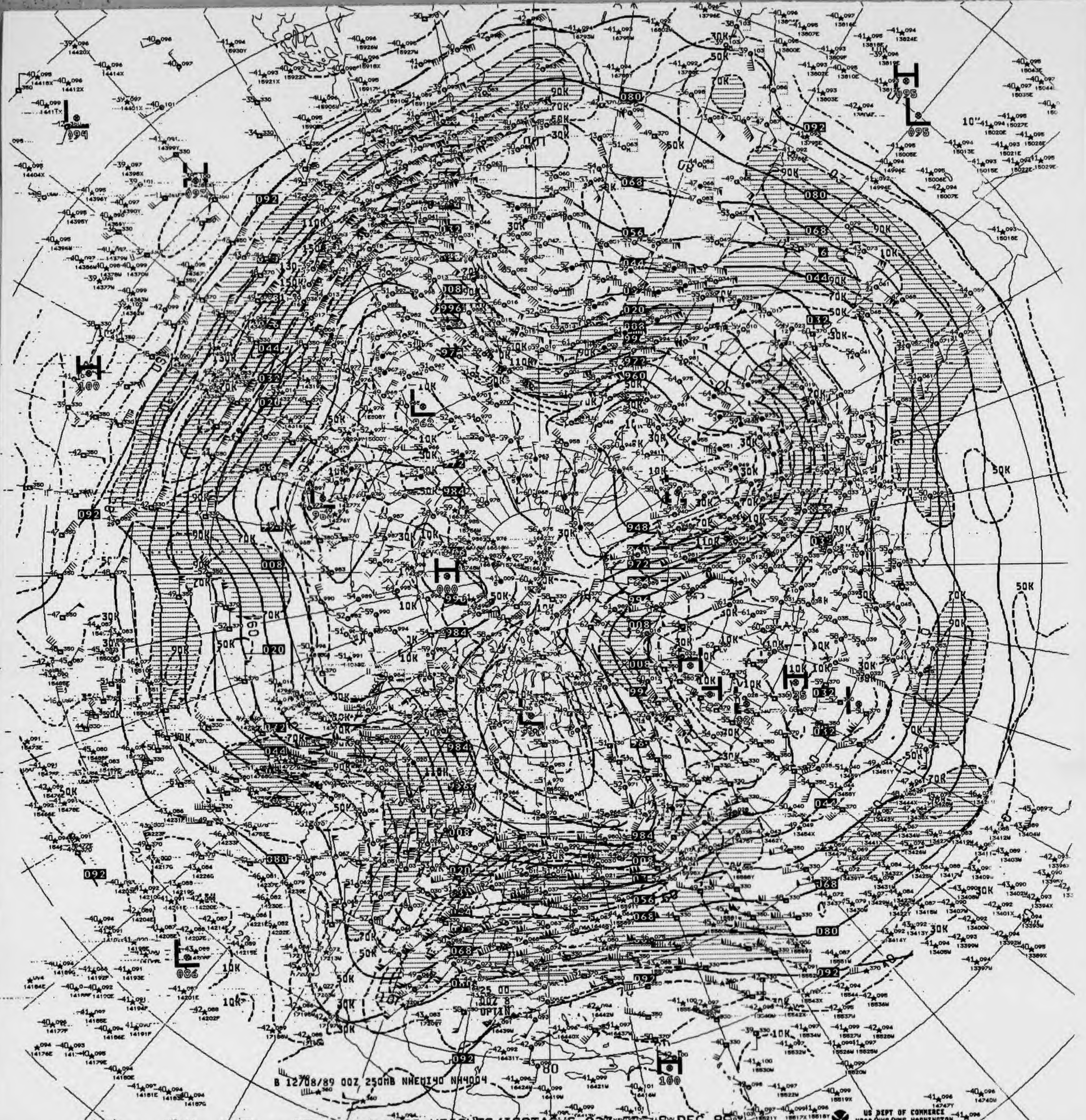
V828 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 7 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


8 12/07/89 12Z 250MB NHEMI40 NH4004

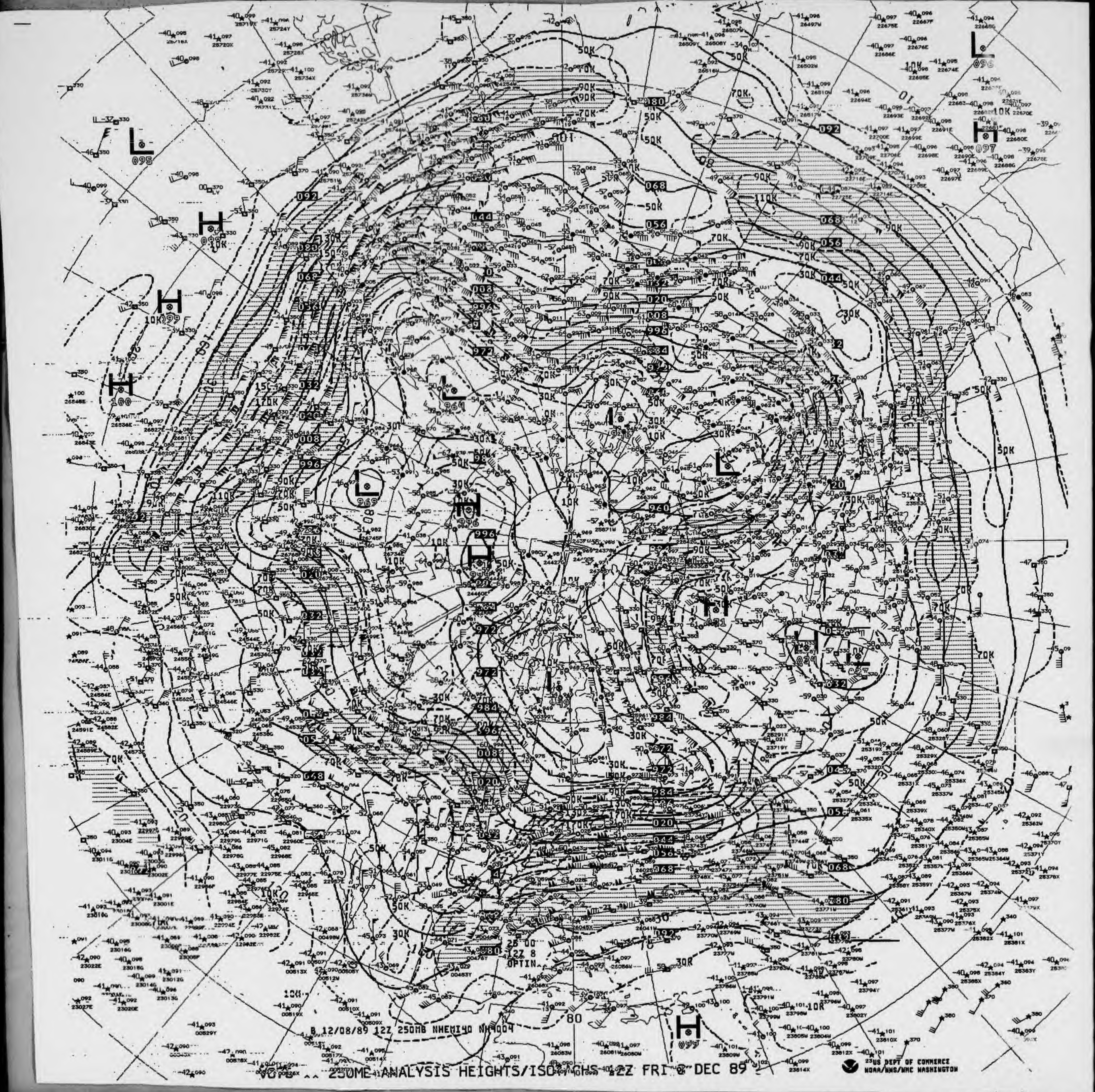
1976 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 7 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/08/89 00Z 250MB NHEMI40 NH4004
H
L
30K
50K
70K
90K
110K
130K
150K
10K

V826 ... 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/08/89 12Z 250MB NHEMI40 NH4004
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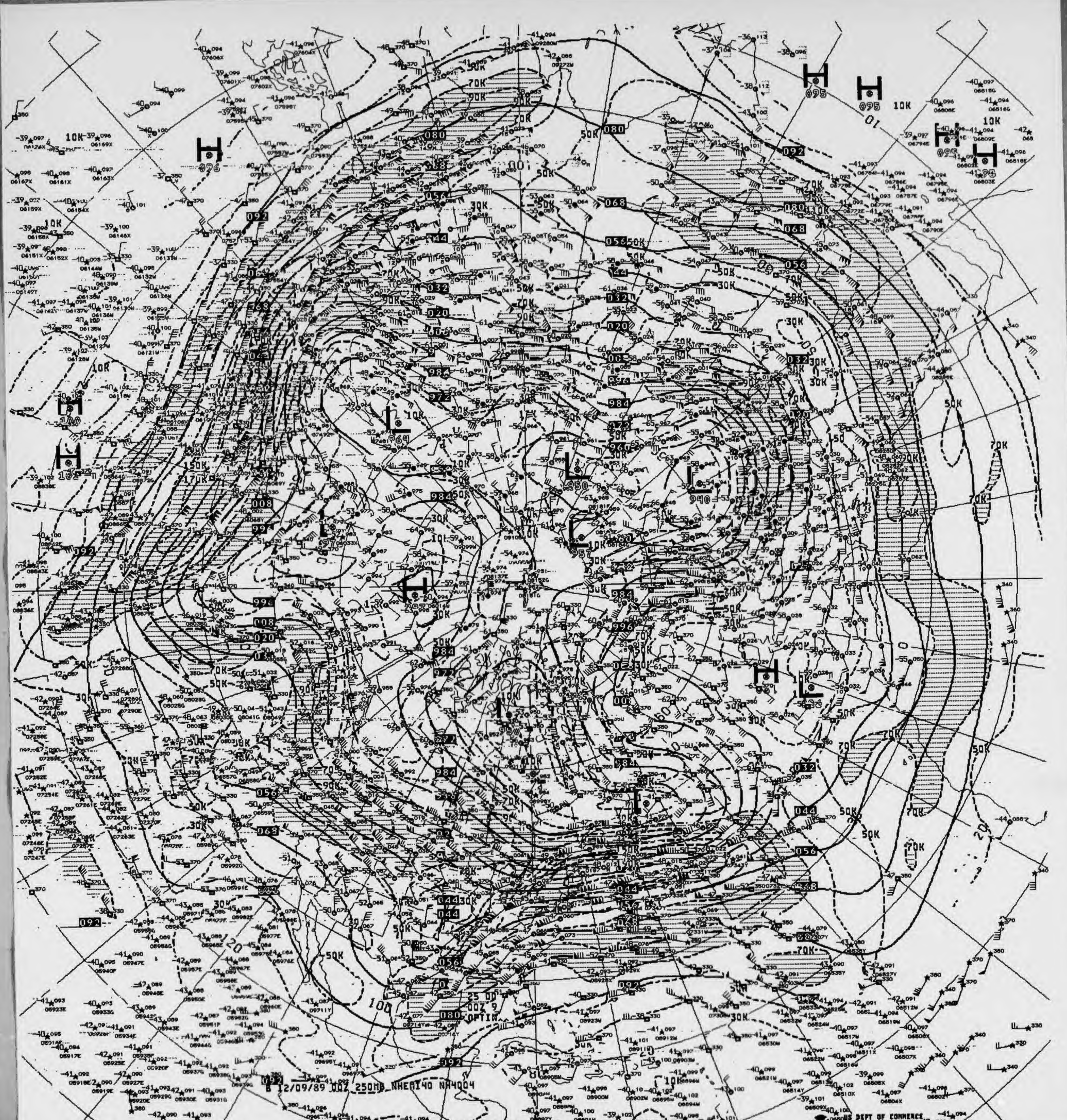
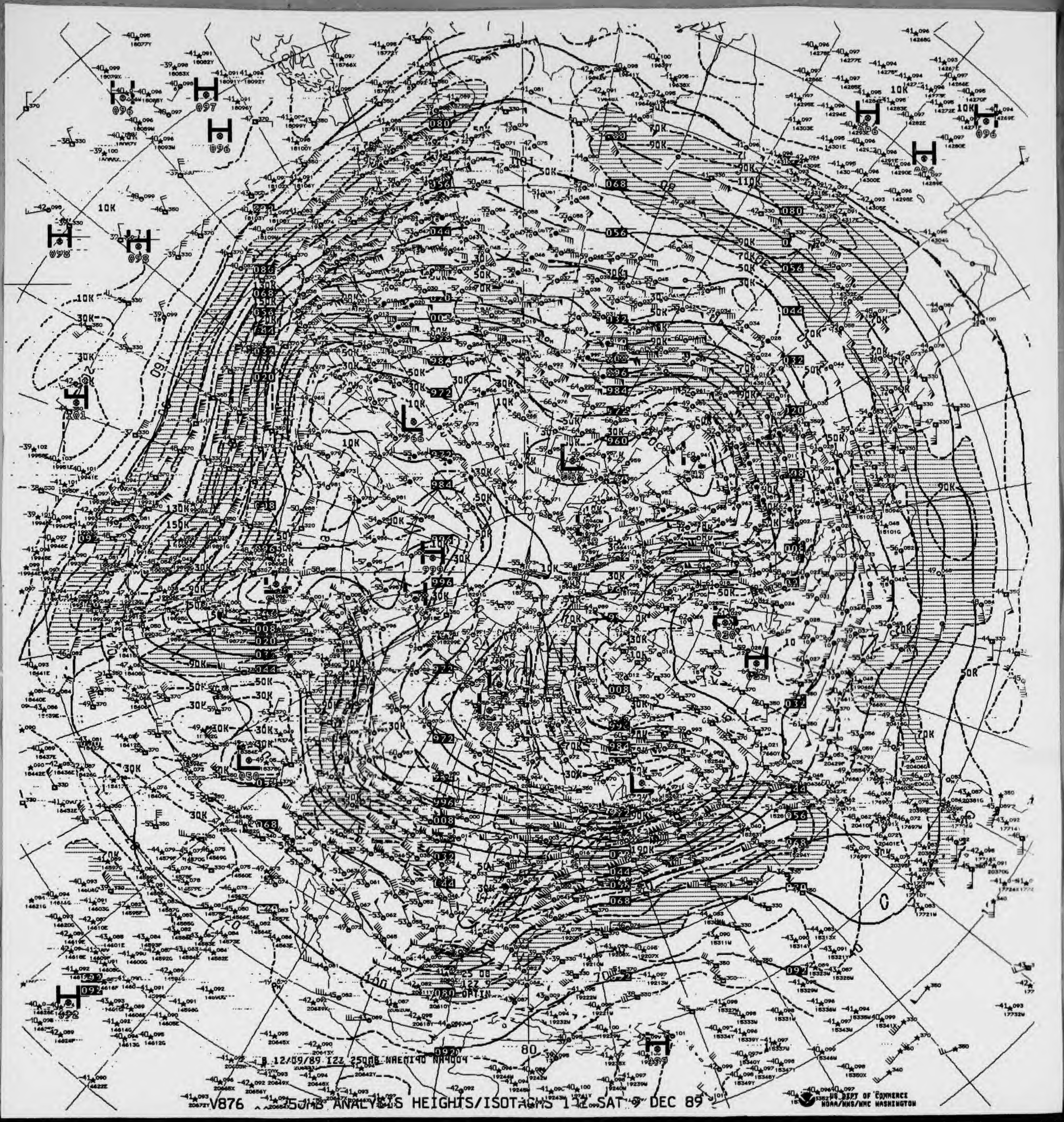
12Z 8
OPTIN

250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

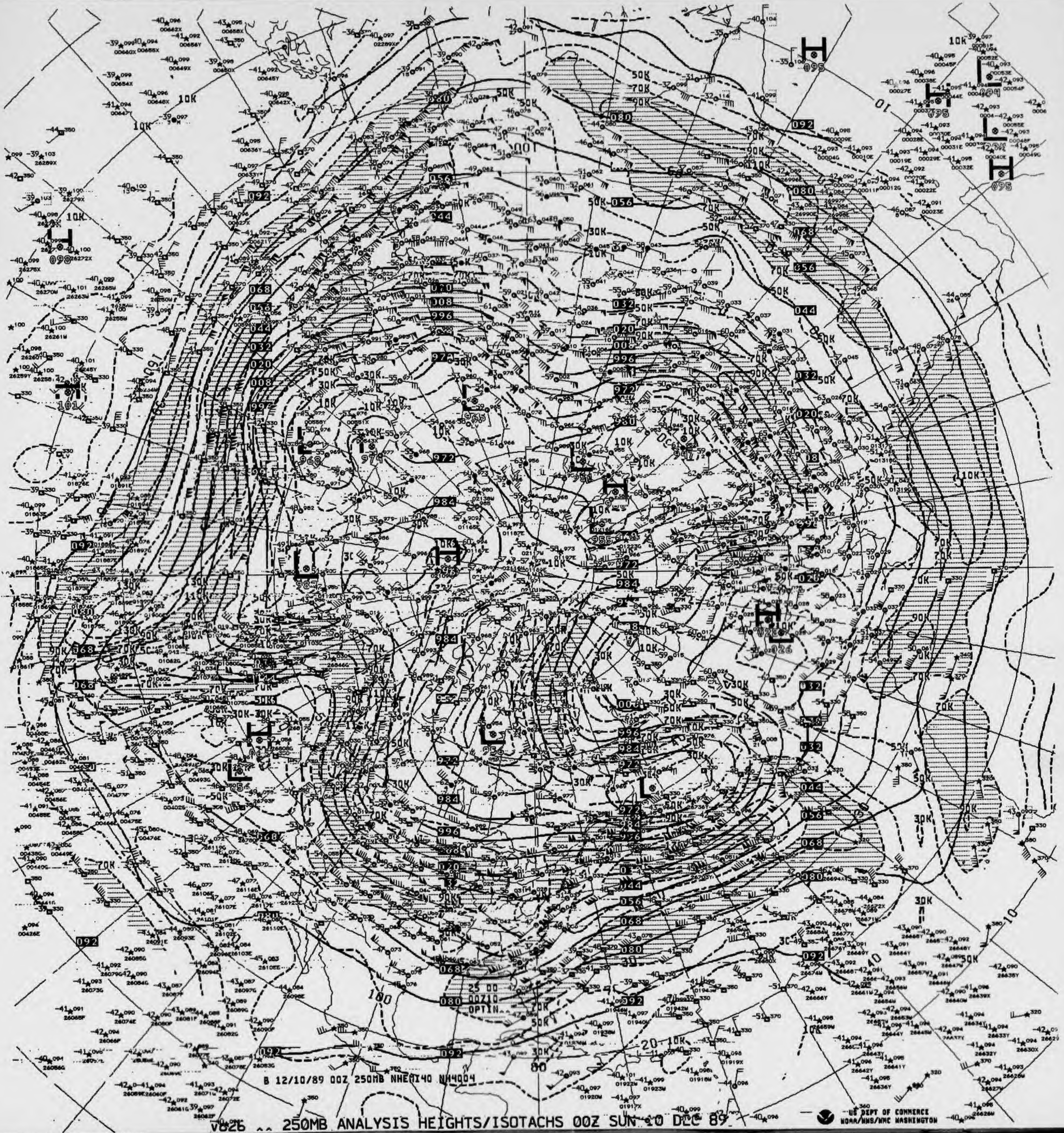

H
L
10K
30K
50K
70K
90K
150K
170K
25 00
00Z 9
OPTIN
8 12/09/89 00Z 250MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V826 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 9 DEC 89


B 12/09/89 12Z 250MB NAEMI40 NH4004

V876 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 9 DEC 89

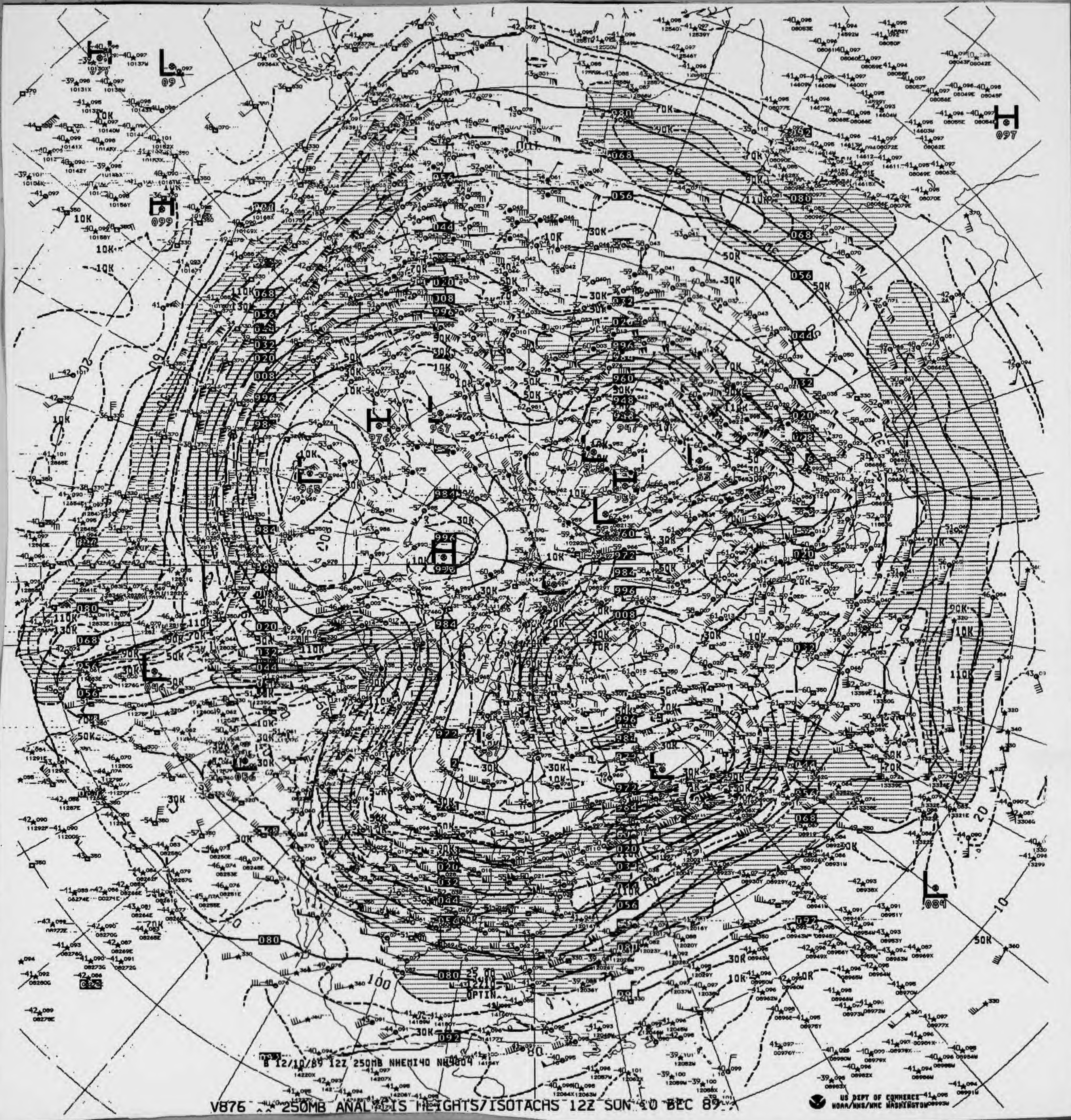
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/10/89 00Z 250MB NHEMI40 NH4004

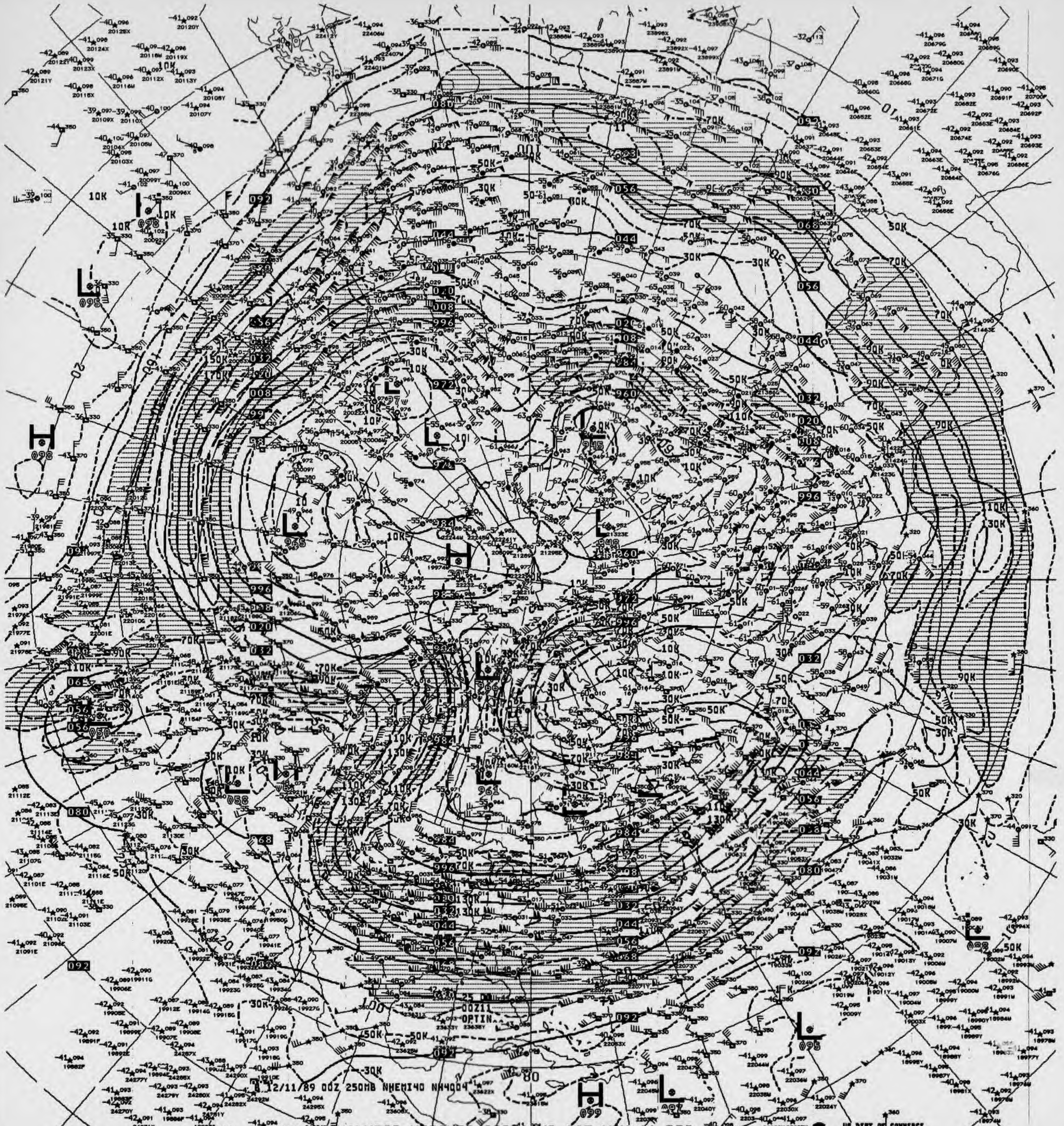
V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 10 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



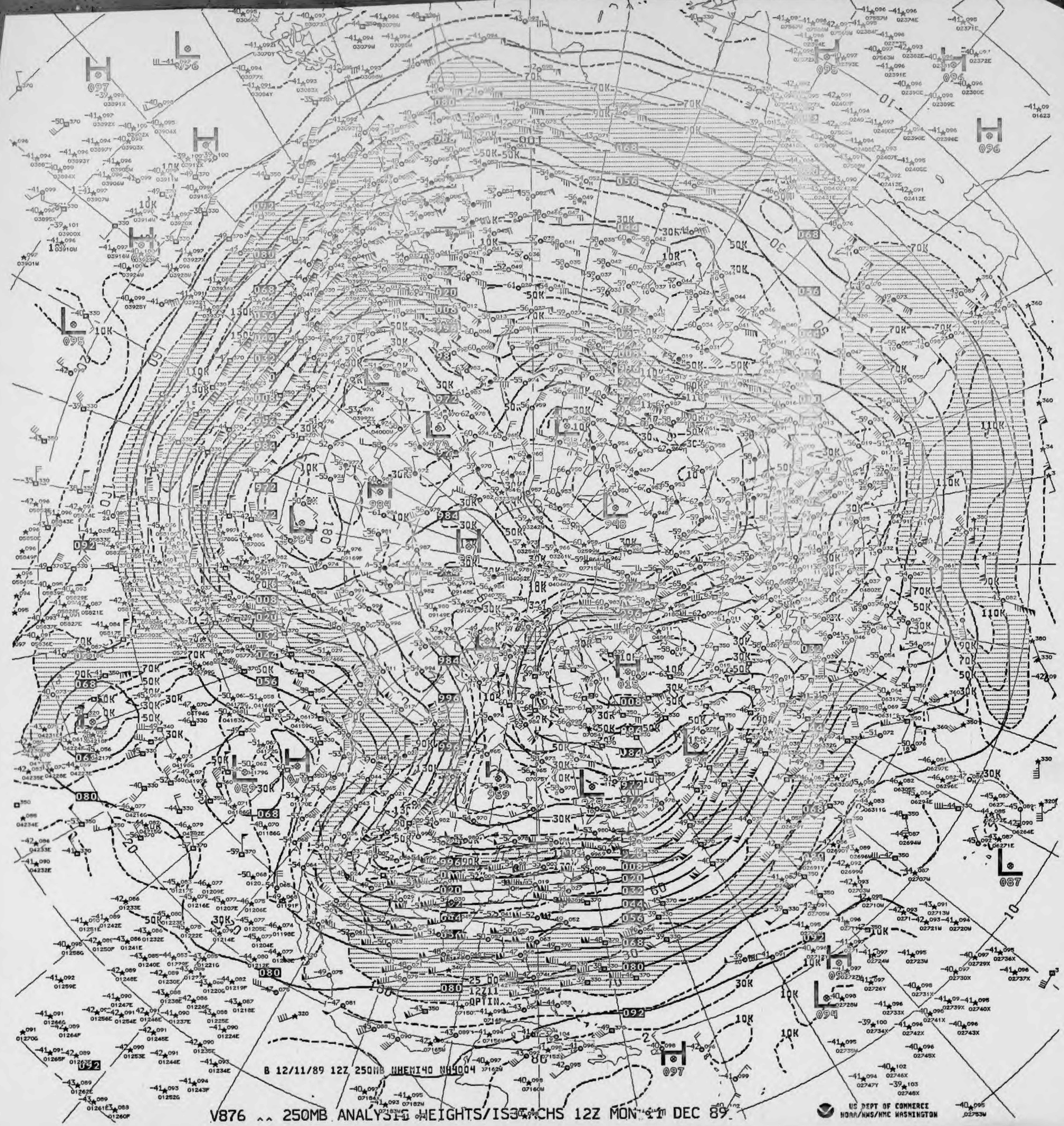
8 12/10/89 12Z 250MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V876 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 10 DEC 89


8 12/11/89 00Z 250MB NHEMI40 NH4004
00Z11
OPTIN

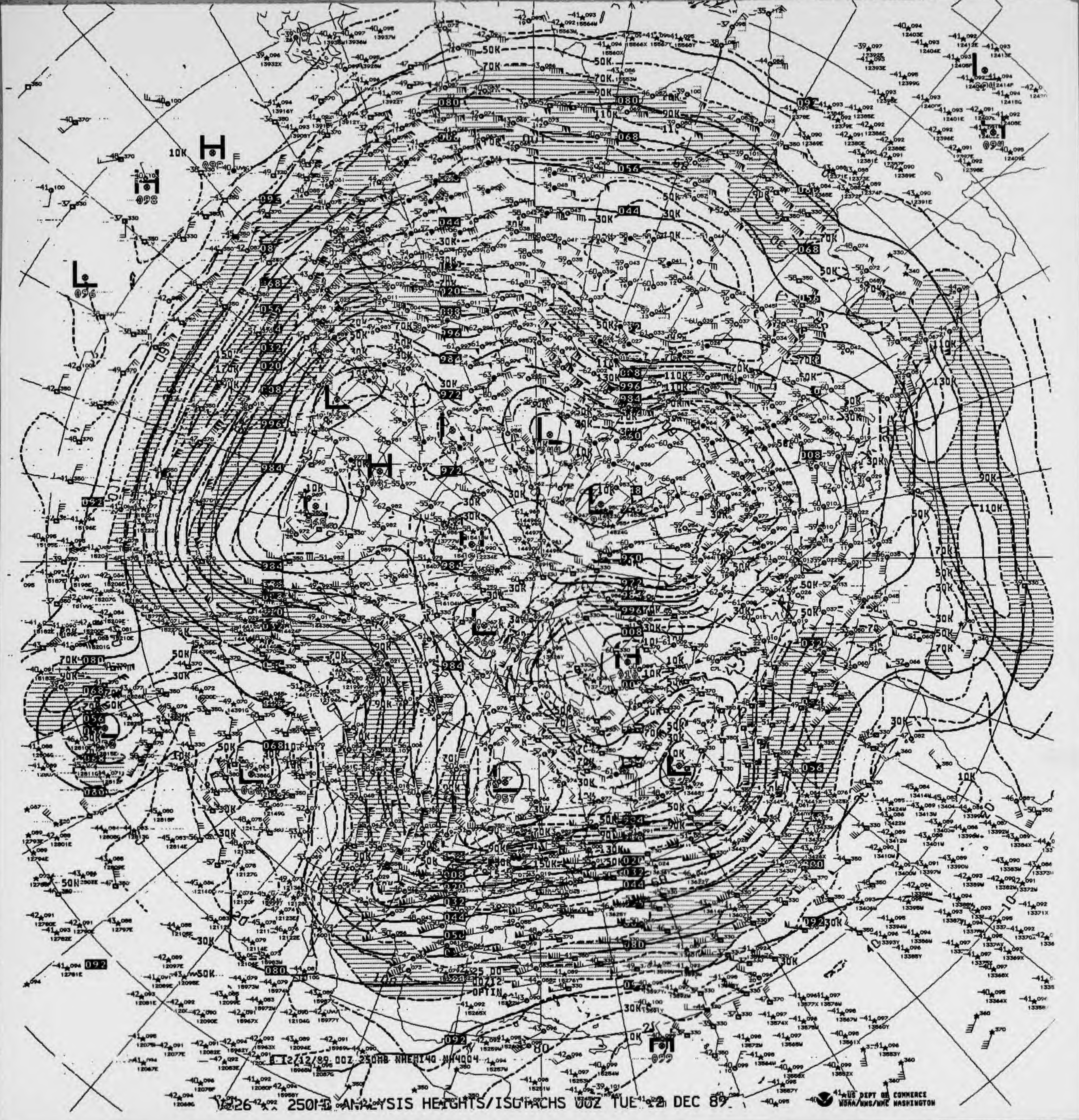
V826 ^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/11/89 12Z 250MB NHEMI40 NH4004

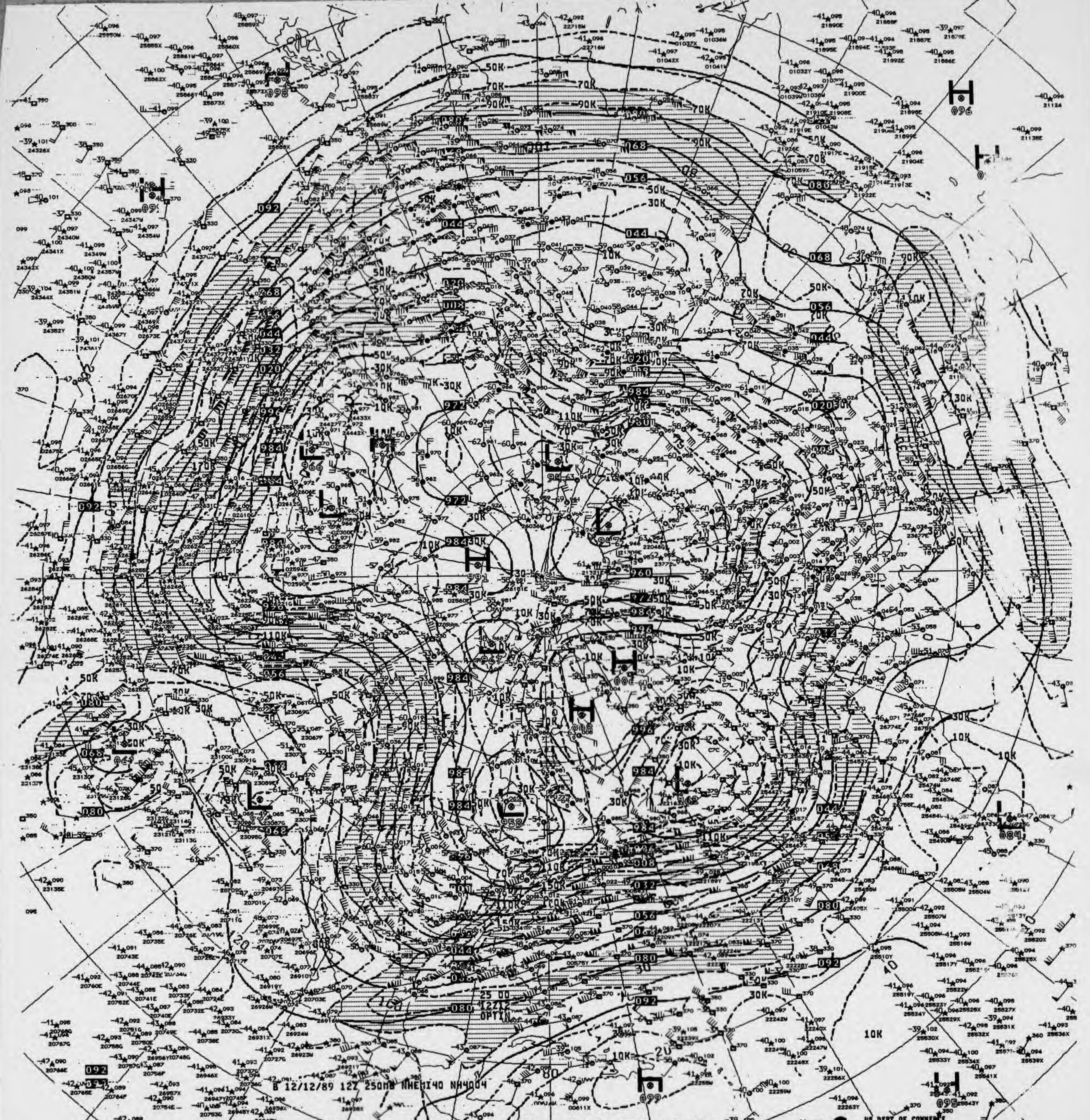
V876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

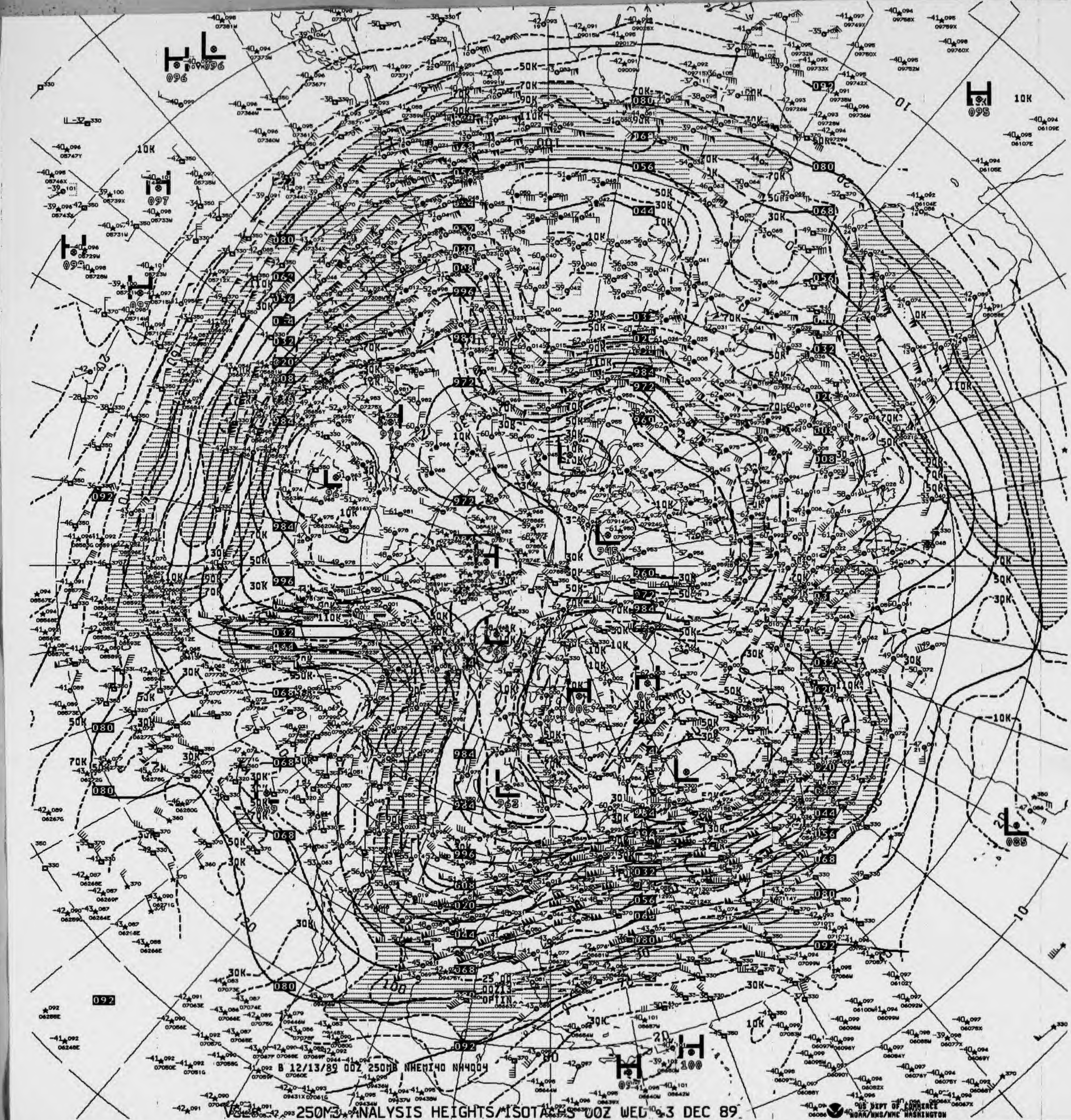


1226 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 12 DEC 89

12/12/89 00Z 250MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/12/89 12Z 250MB NHEMI40 NH4004
25 00
12Z12
OPTIN
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

0876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 12 DEC 89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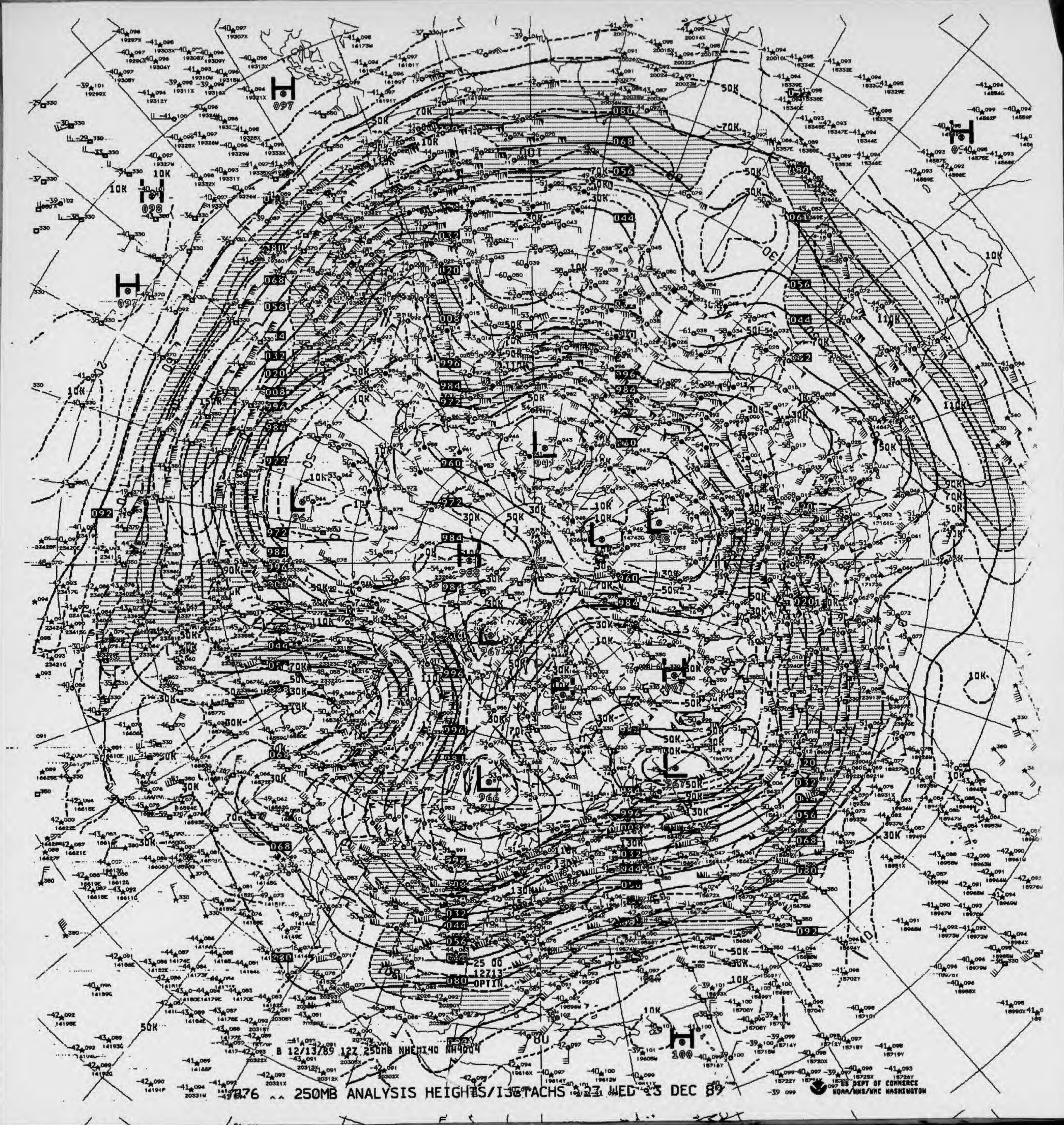
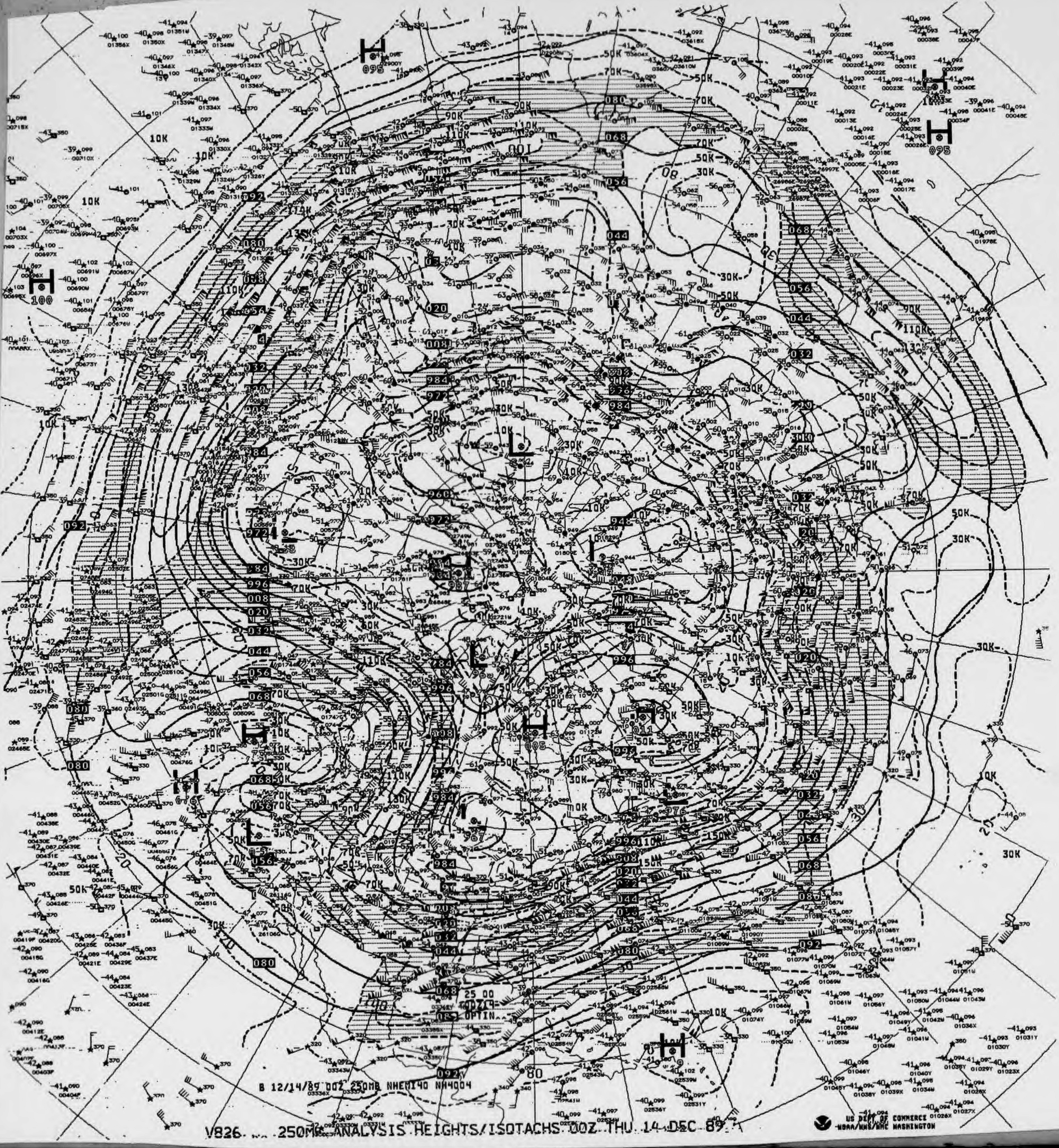
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 13 DEC 89


B 12/13/89 12Z 250MB NHEMI40 NH4004
25 00
12Z13
OPTIN
H
097
H
098
H
097
H
100
H
L
964
L
948
L
967
L
966
L
50K
70K
110K
130K

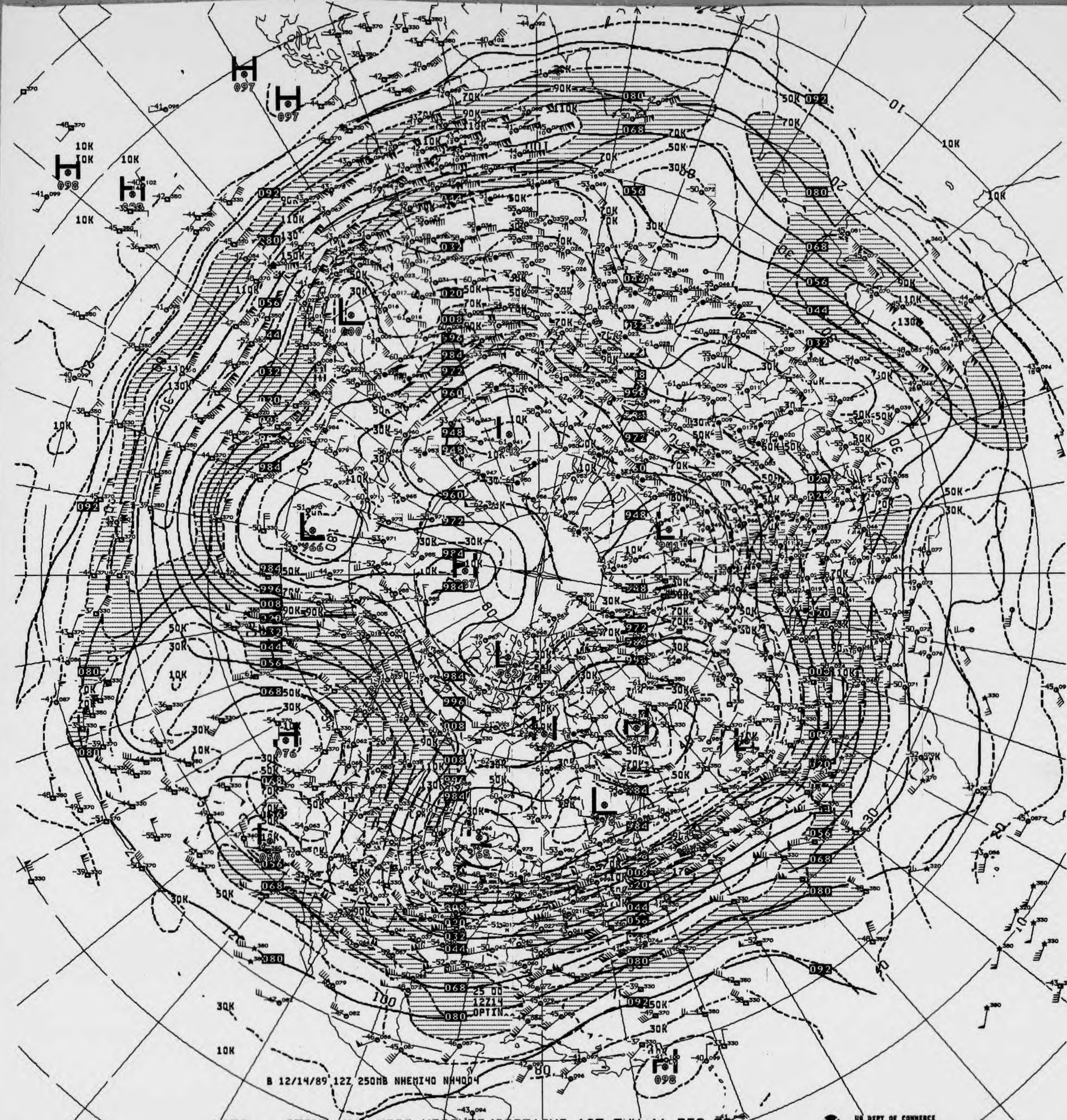
?276 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 13 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/14/89 00Z 250MB NHEM140 NH4004
H
L
30K
50K
70K
90K
110K
10K
130K
150K

V826 ... 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 14 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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70K
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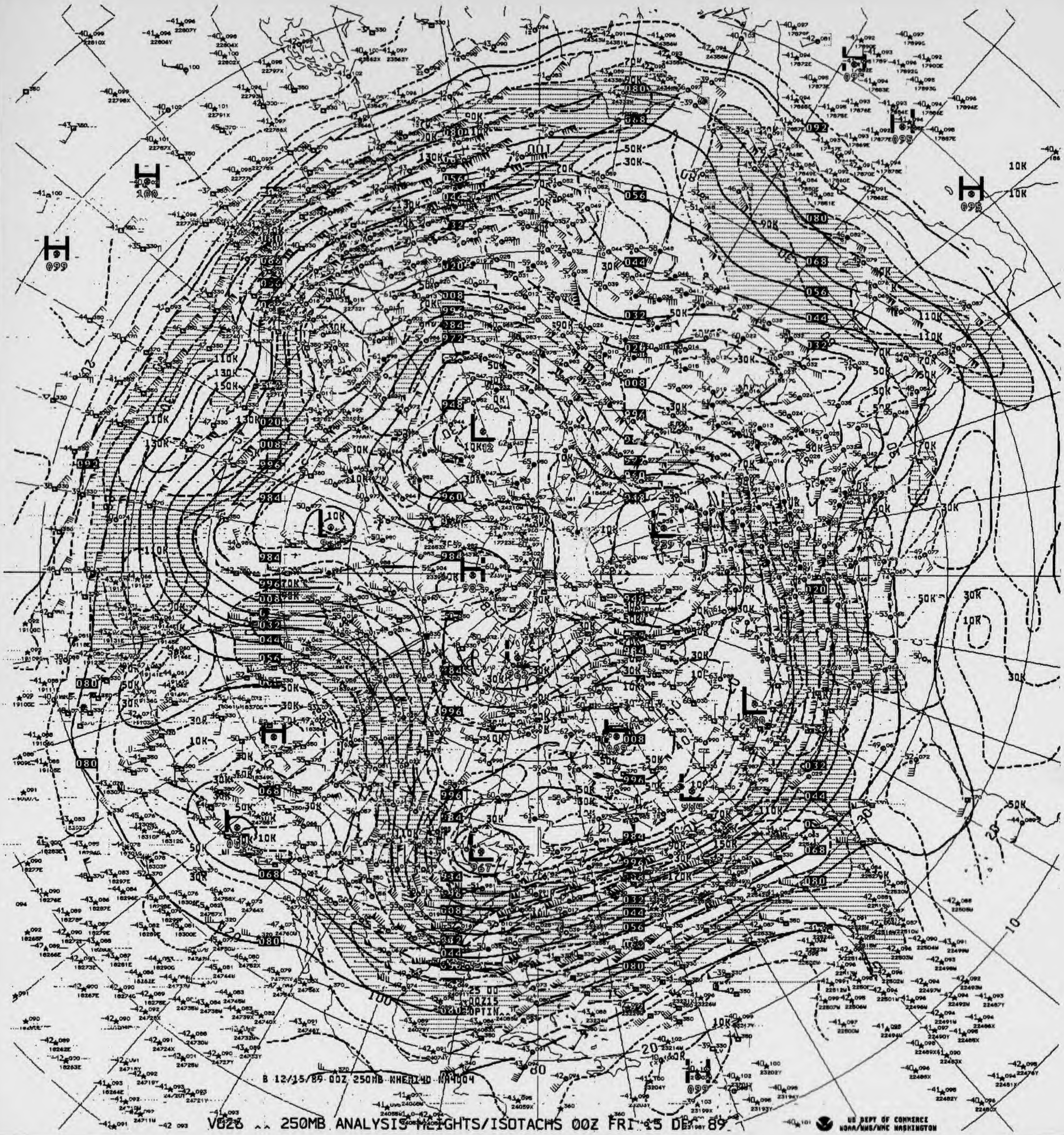
V876 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 14 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L
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90K
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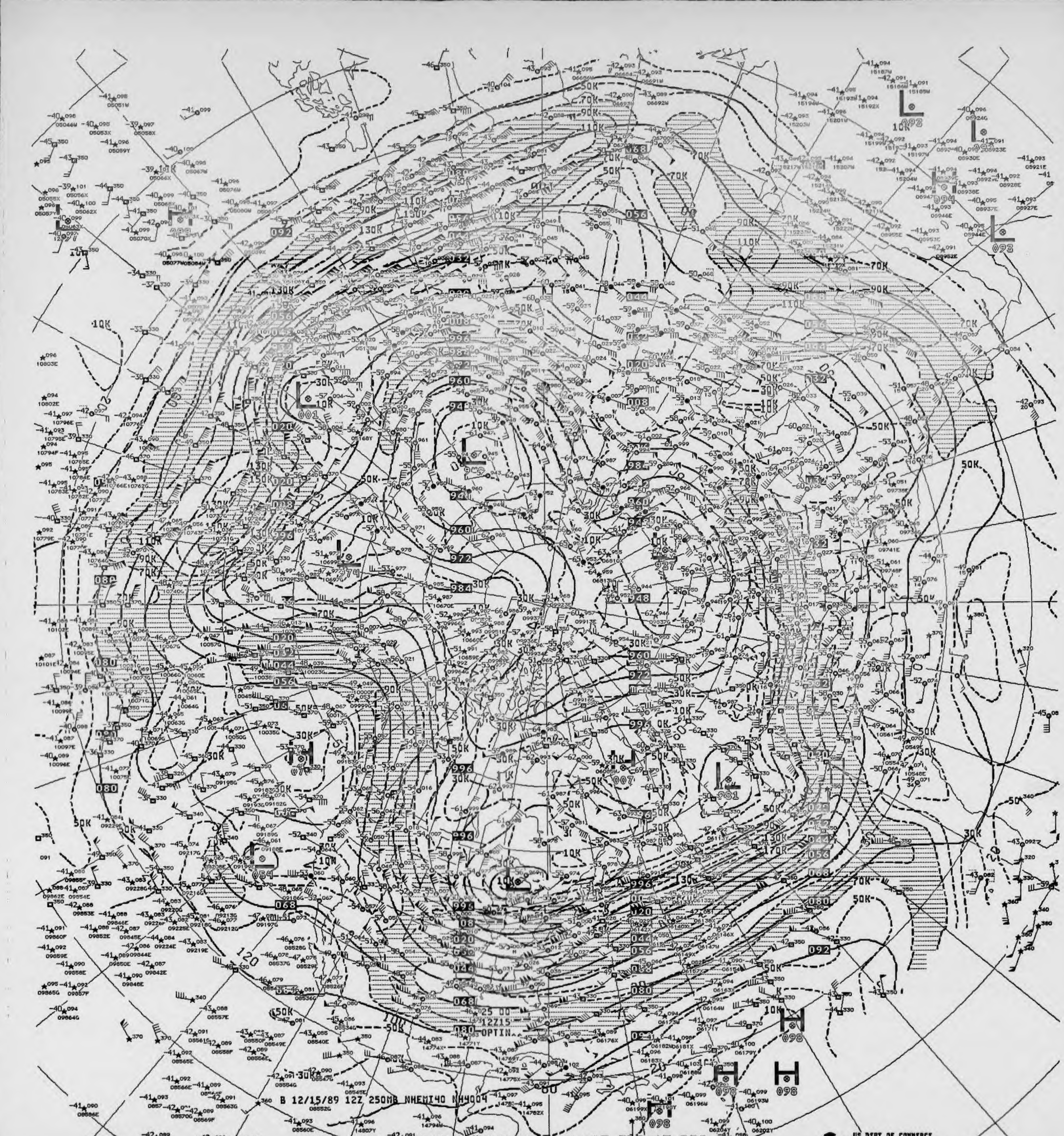
130K
150K
100

V026 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 15 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/15/89 12Z 250MB NHEMI40 NH4004
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12Z15
OPTIN
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30K
50K
70K
90K
110K
130K
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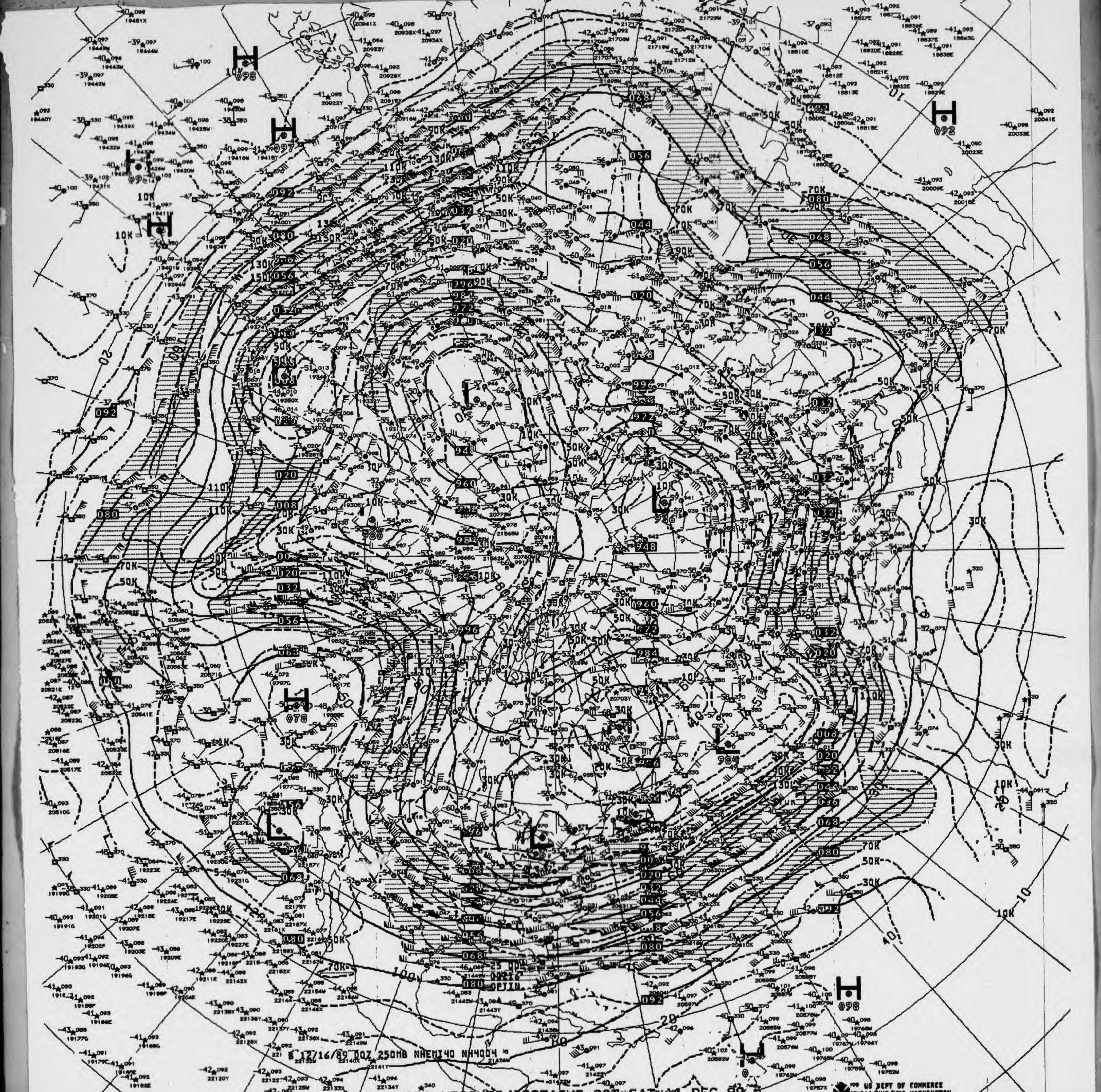
V876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 15 DEC 89

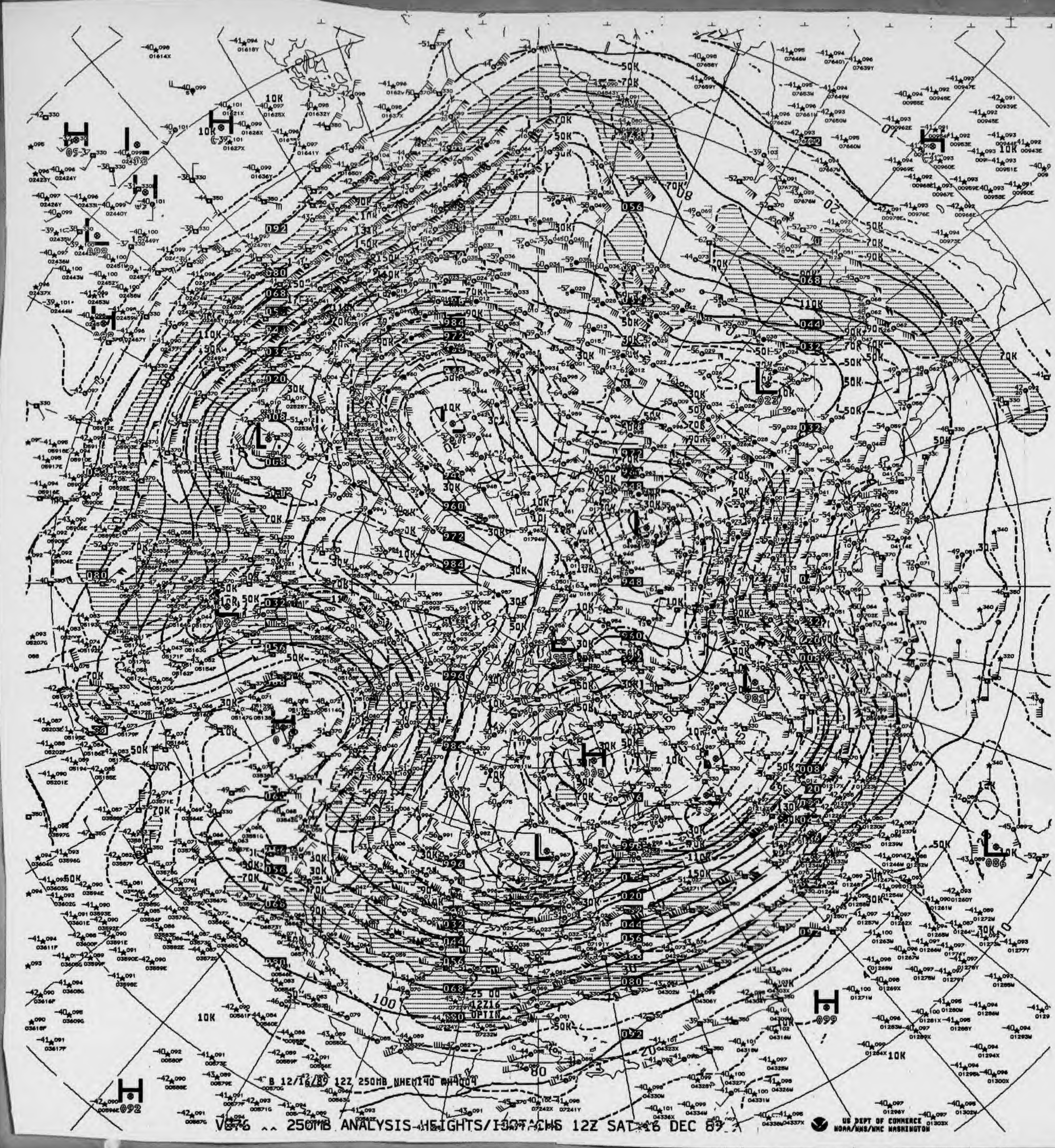
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/16/89 00Z 250MB NHEMI40 NH4004

V826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 16 DEC 89

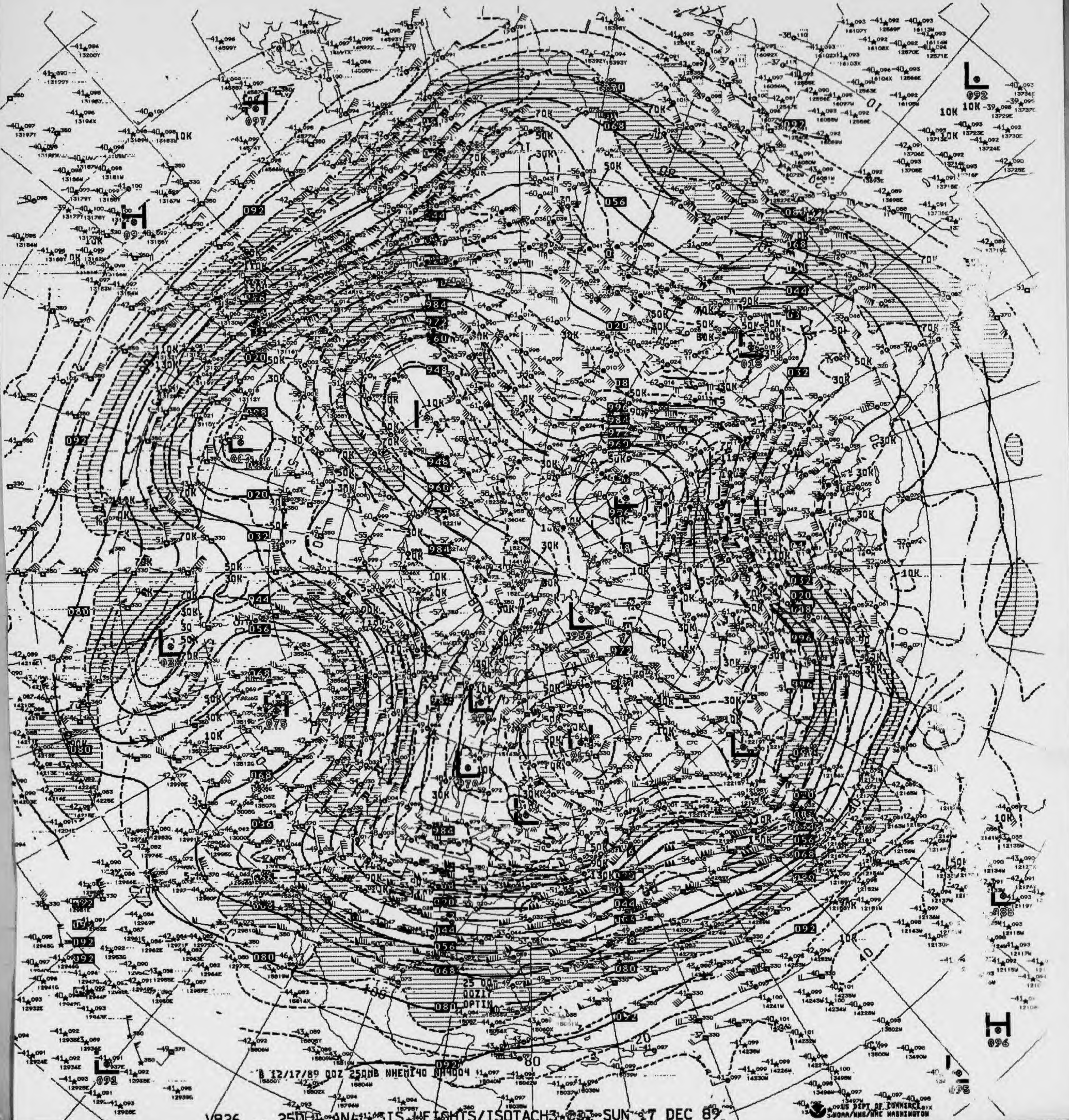
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



V876 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 16 DEC 89

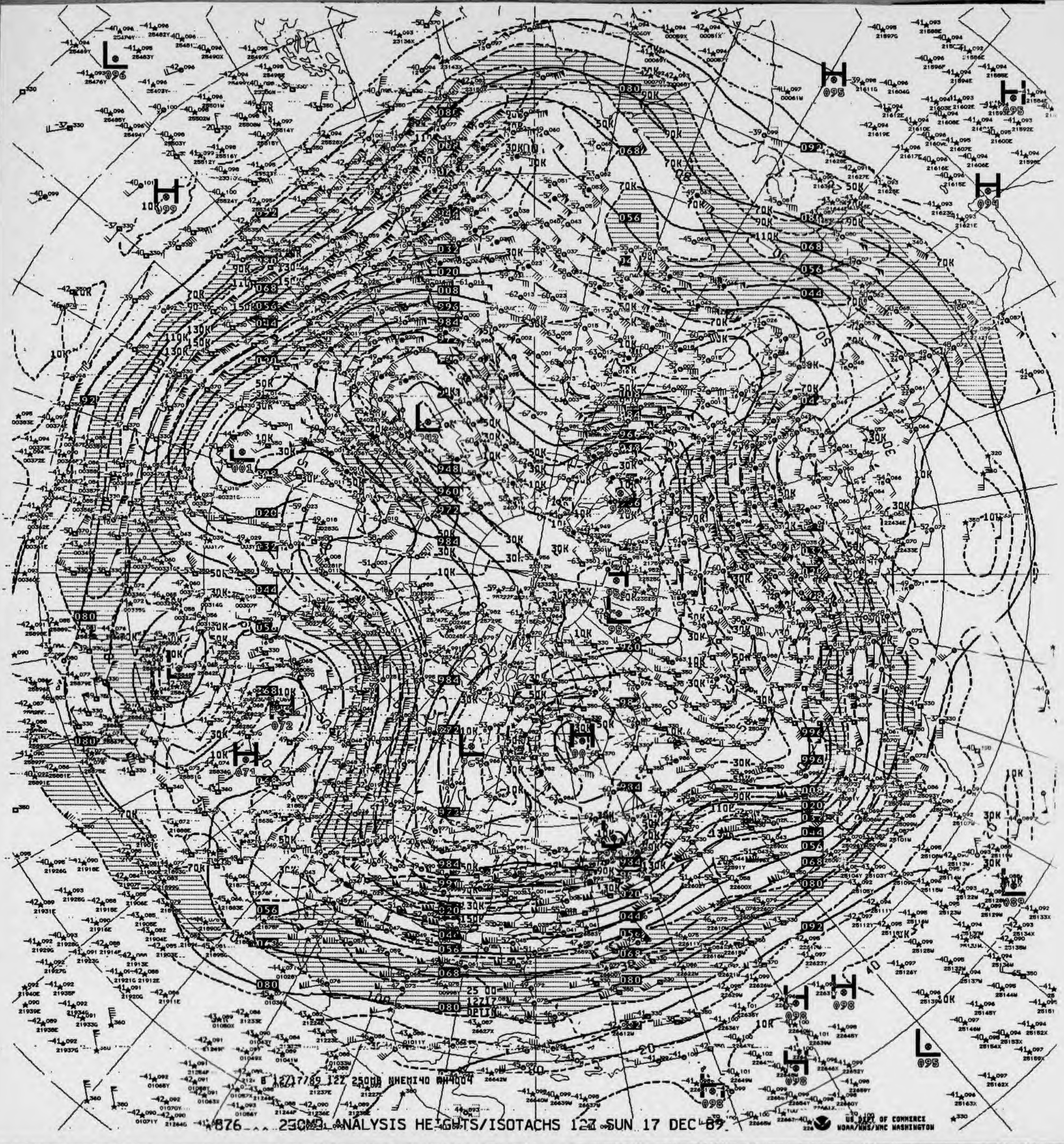
B 12/16/89 12Z 250MB NHEM140 WH4004

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/17/89 00Z 250MB NHEMI40 NH4004
25 00Z
00Z17
OPTIN

V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 17 DEC 89

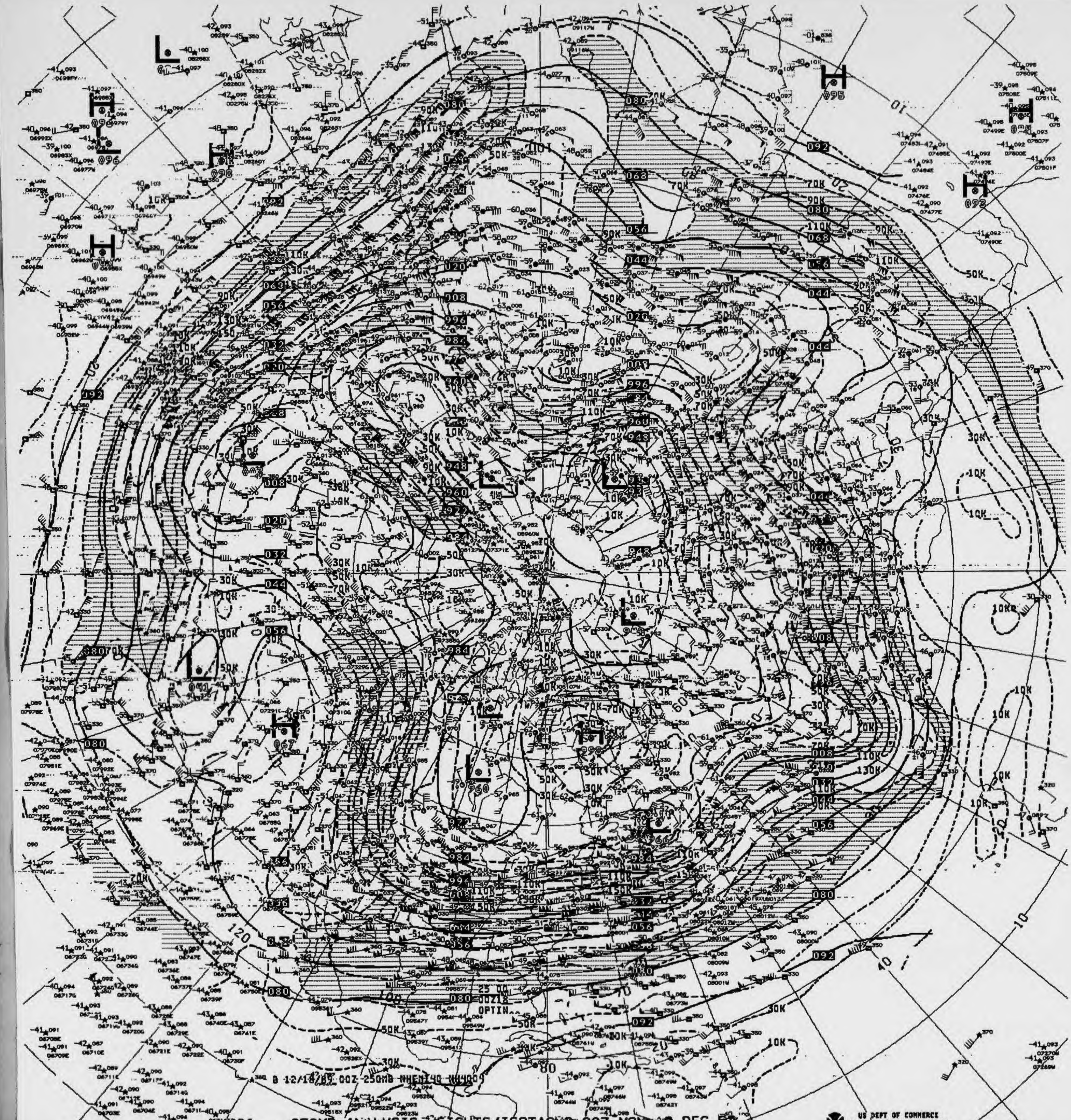
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



8 12/17/89 12Z 250MB NHEMI40 WH4004

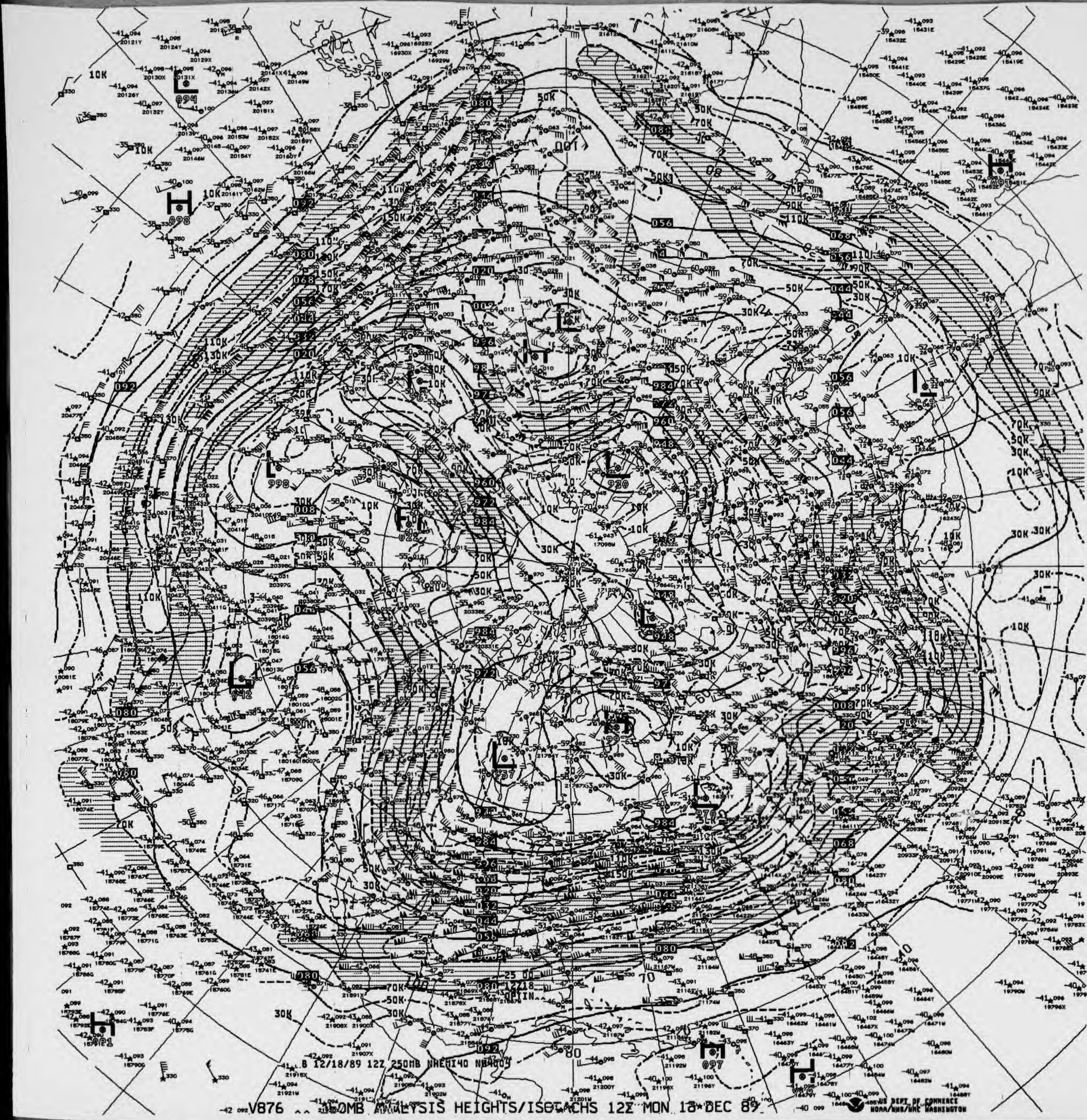
876 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 17 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

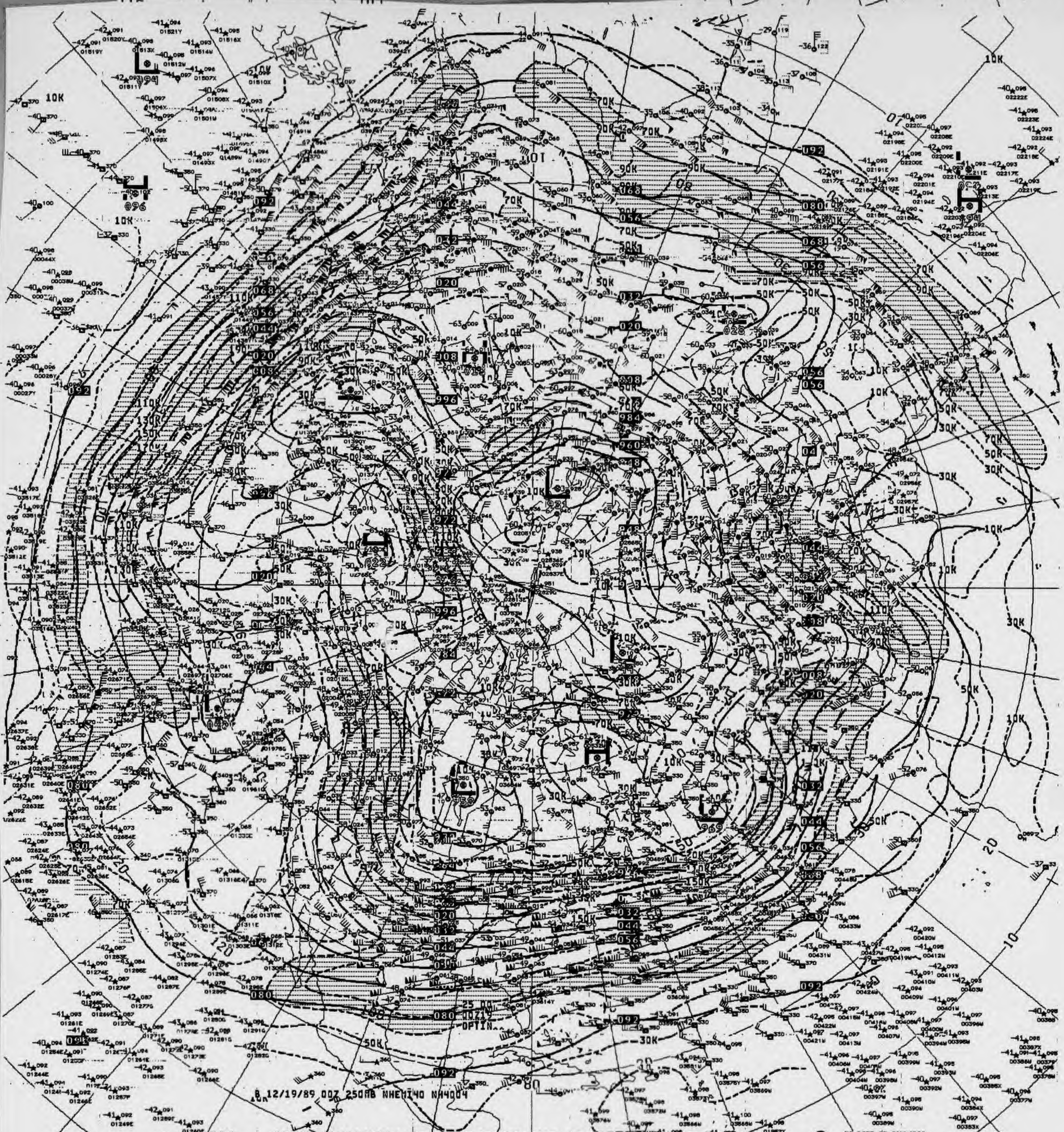

B 12/18/89 00Z 250MB NHEN140 NH4004
25 00
00Z18
OPTIN

V826 ... 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 18 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

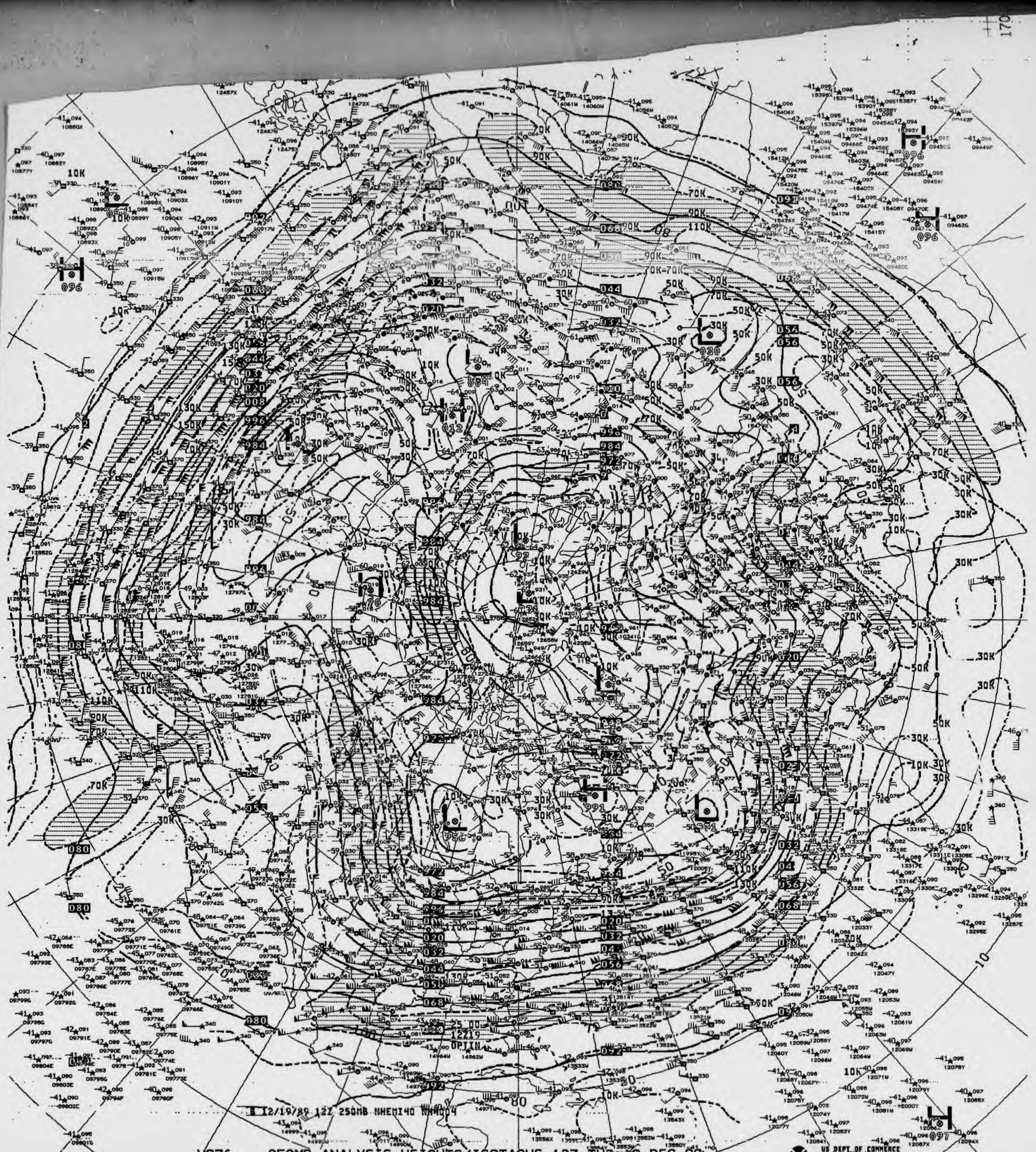

B 12/18/89 12Z 250MB NHEMI40 NB4009
10K
30K
50K
70K
90K
110K
130K
150K
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 18 DEC 89


B 12/19/89 00Z 250MB NHEMI40 NH4004

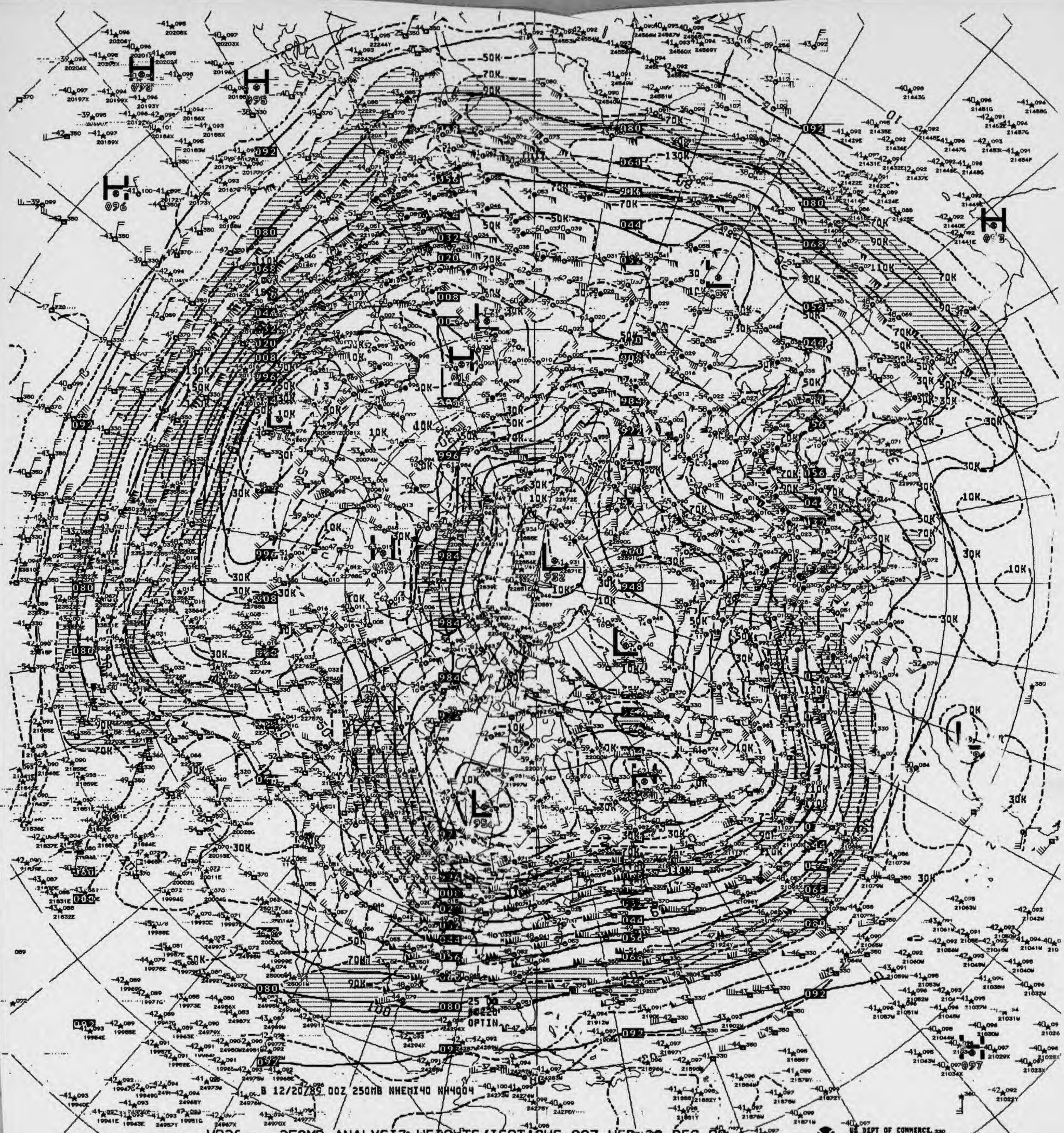
V826 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


12/19/89 12Z 250MB NHEMI40 NMH004

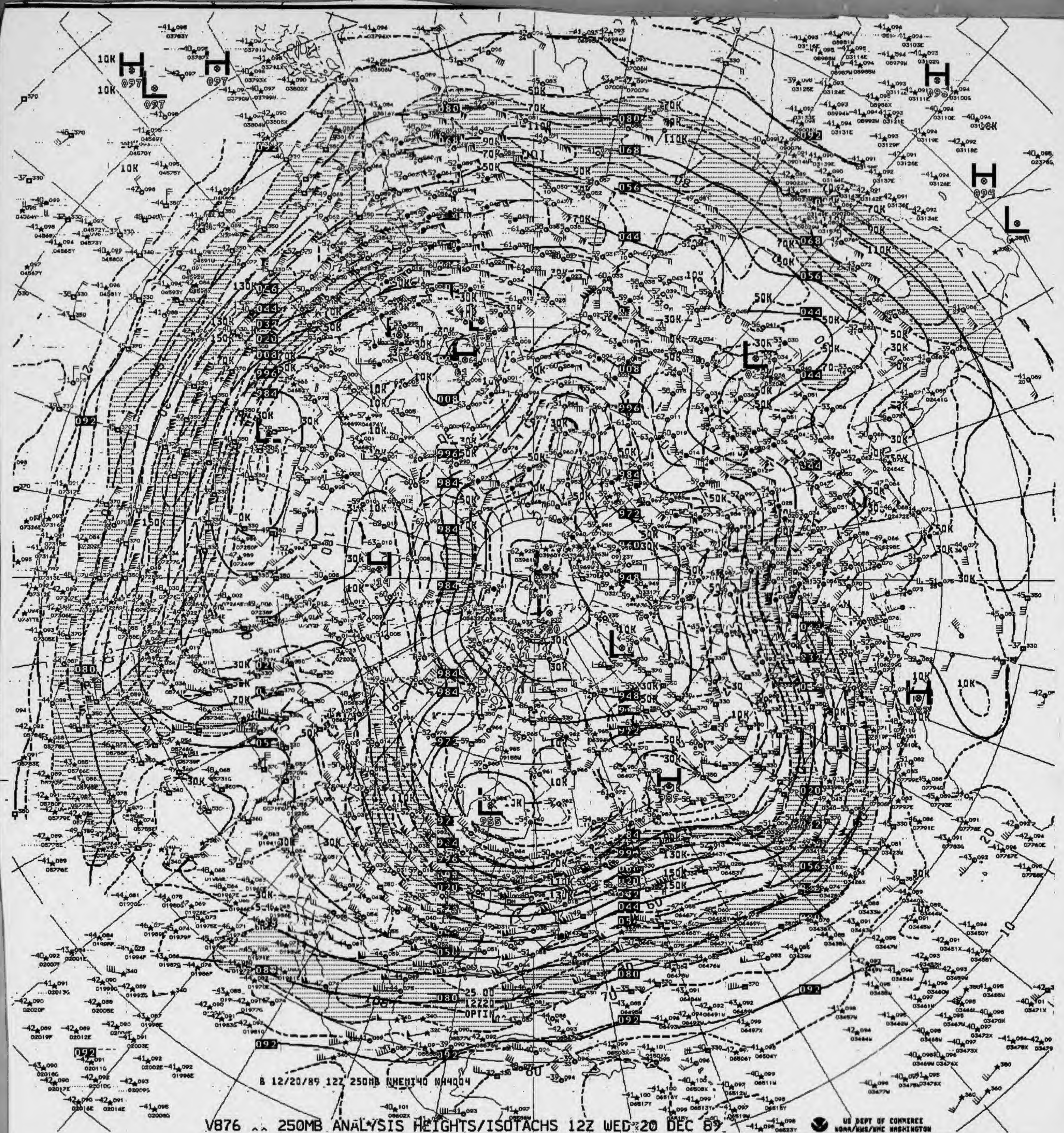
V876 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/20/89 00Z 250MB NHEMI40 NH4004
OPTIN
H
L
10K
30K
50K
70K
90K
110K
130K

V826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/20/89 12Z 250MB NHEMI40 NH4004
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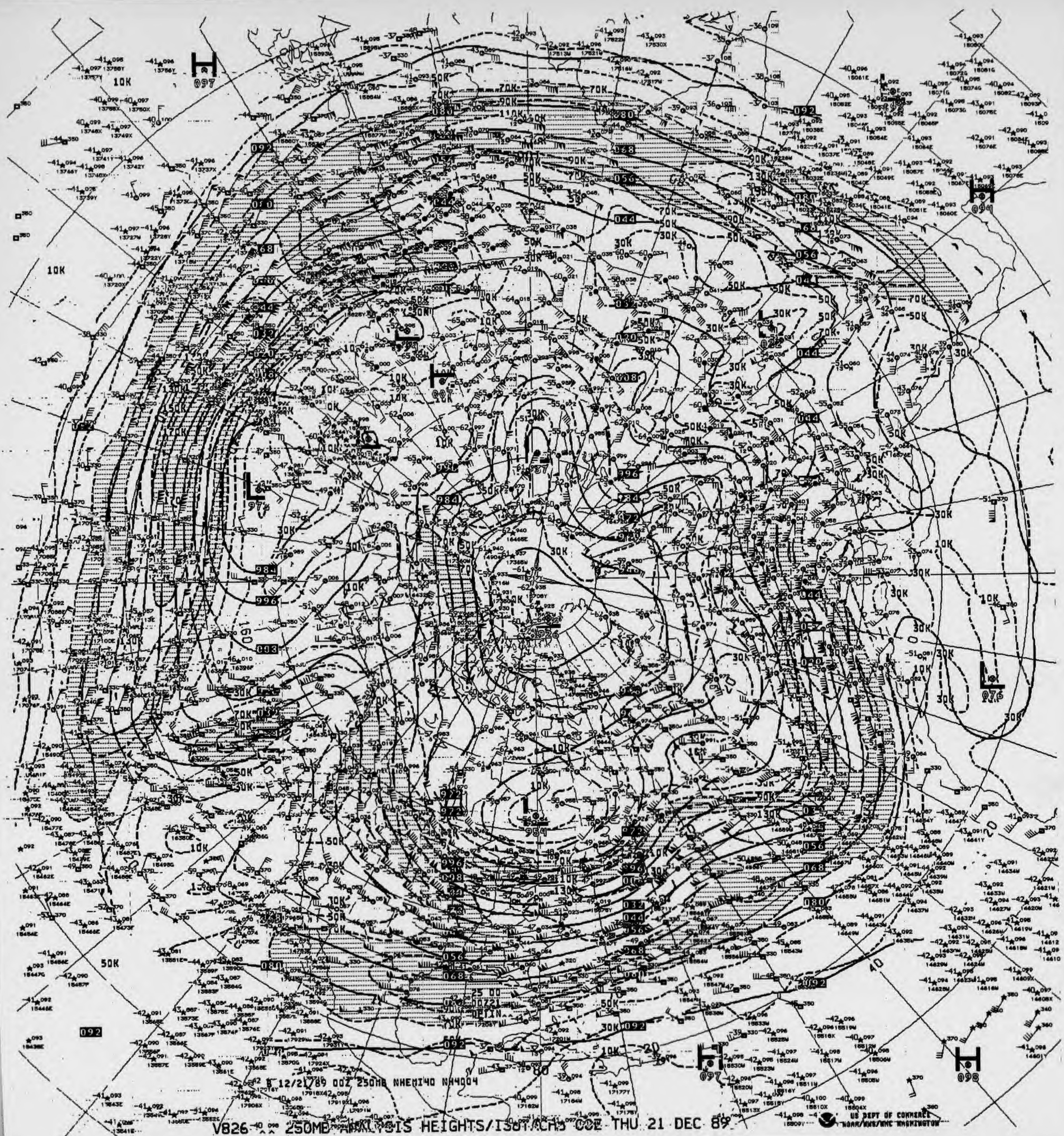
12Z20
OPTIN

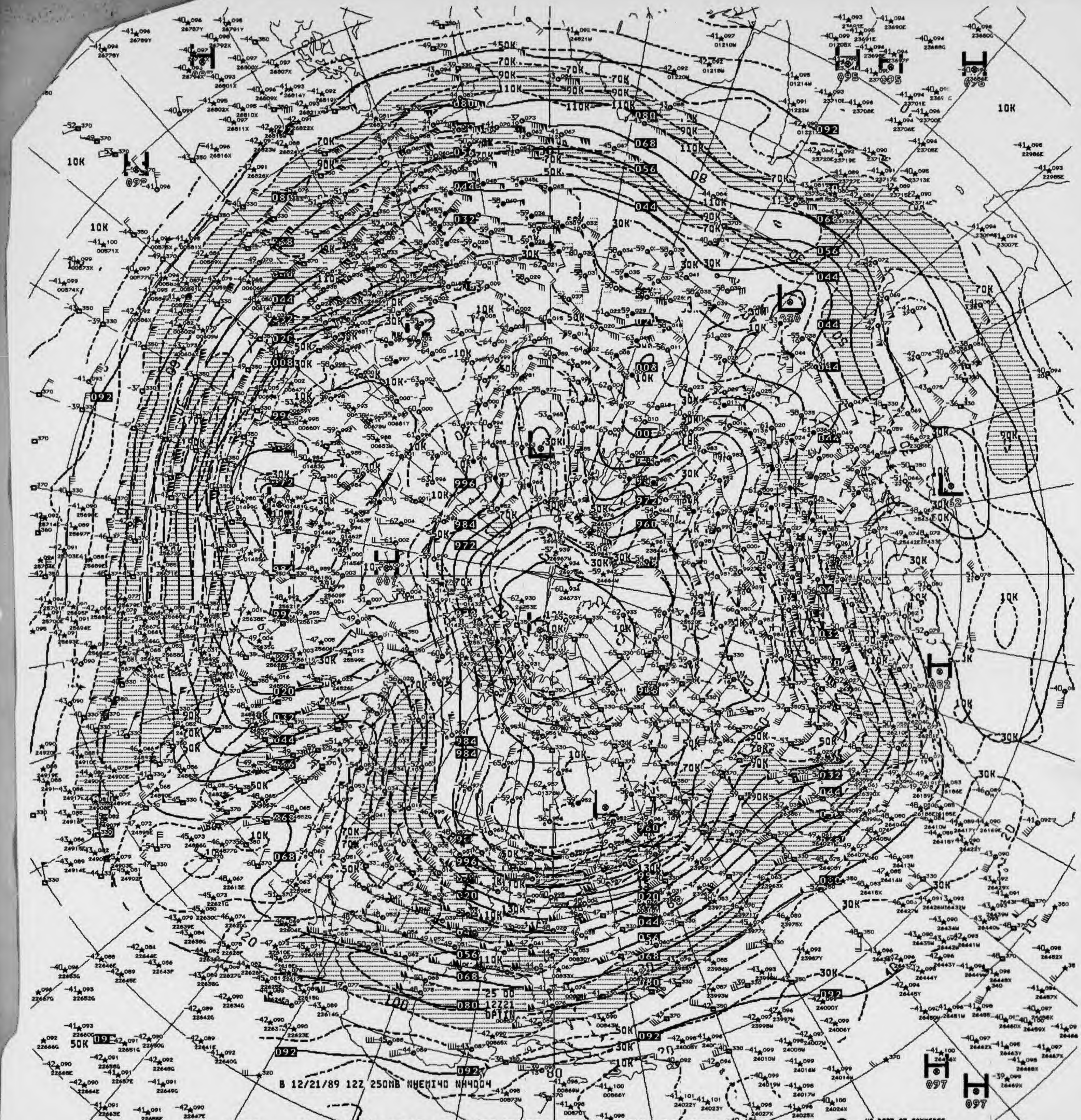
V876 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



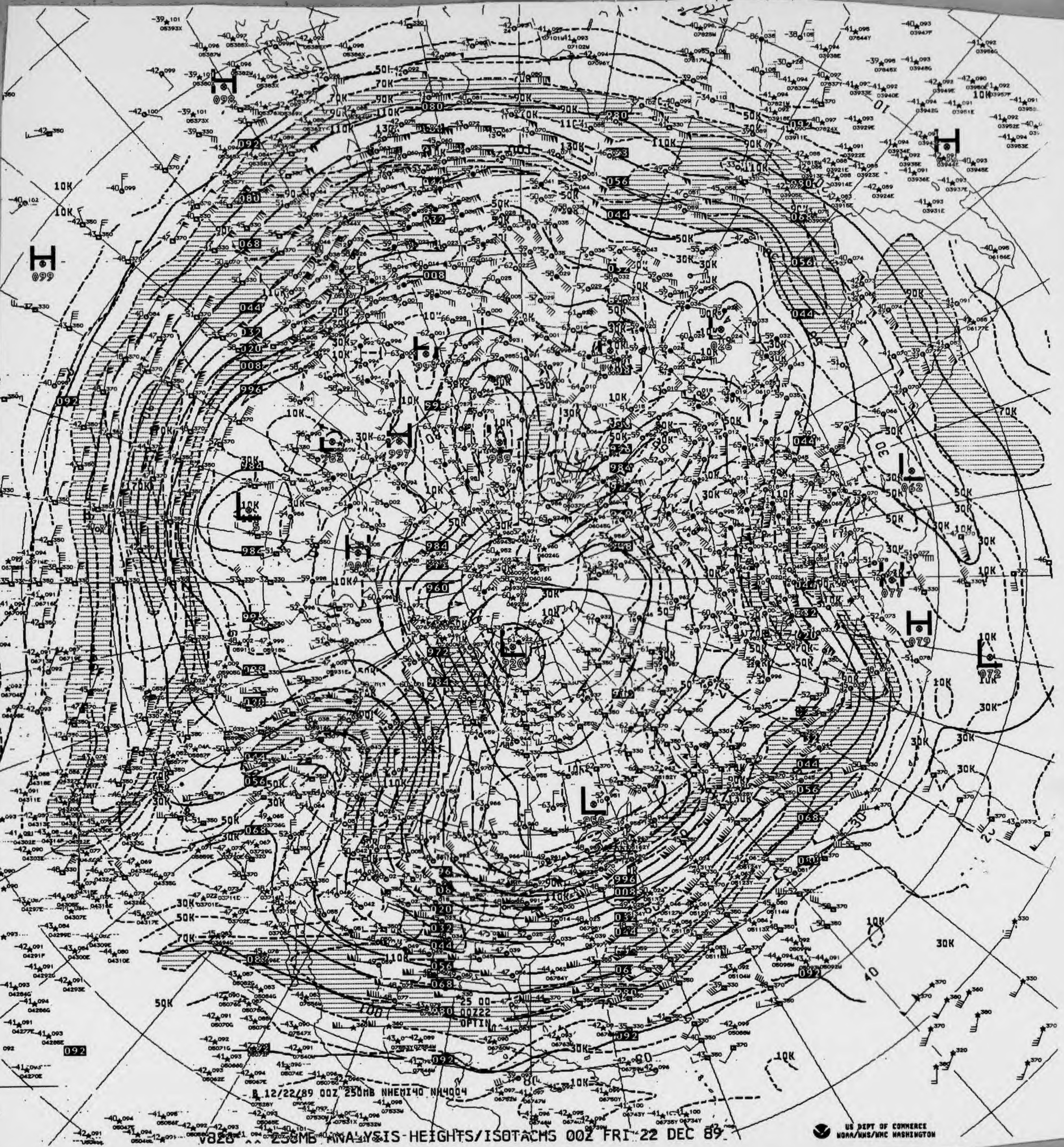
12/21/89 00Z 250MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 21 DEC 89


B 12/21/89 12Z 250MB NHEMI40 NH4004
10K
30K
50K
70K
90K
110K

V876 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 21 DEC 89

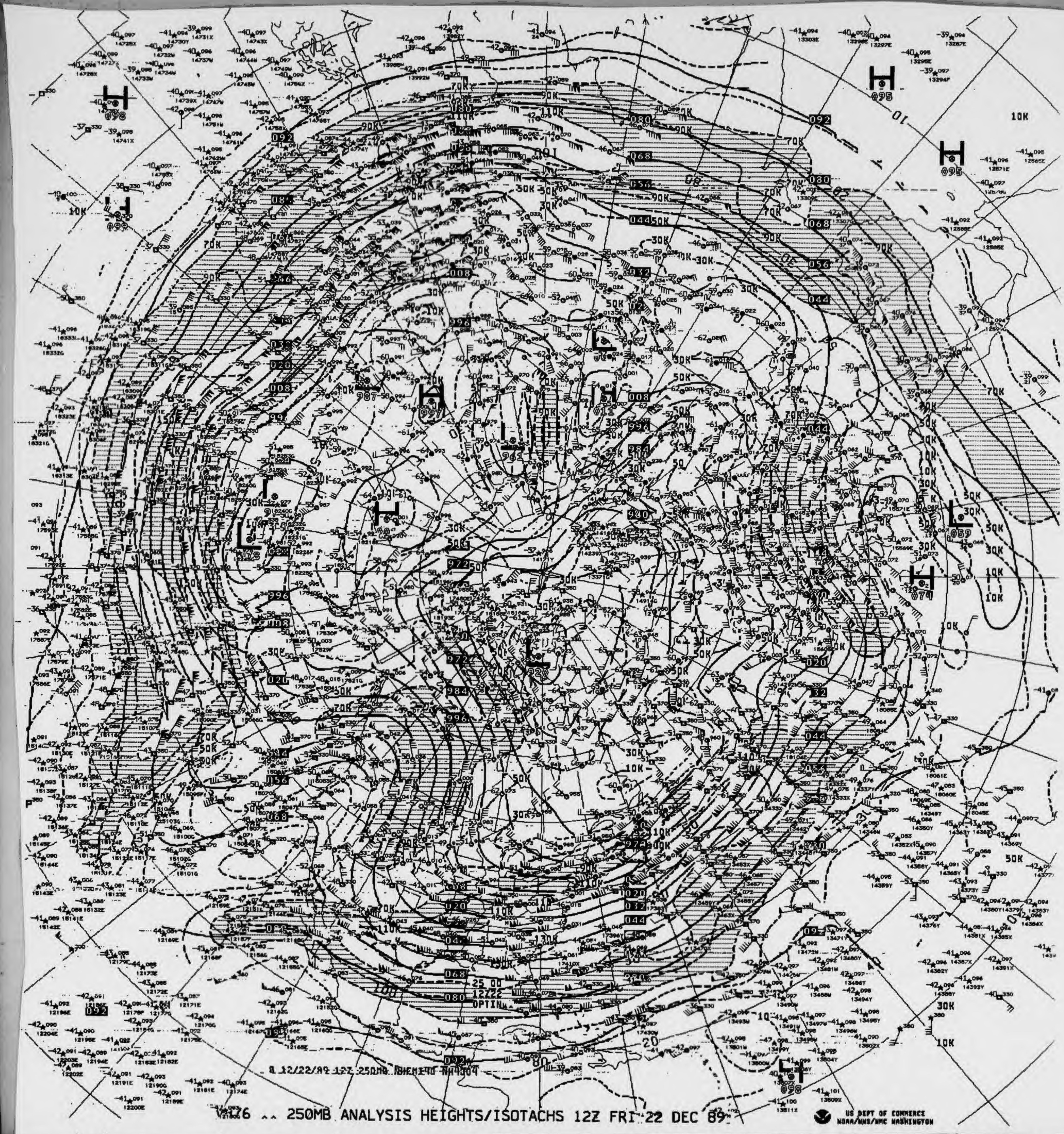
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/22/89 00Z 250MB NHEMI40 NH4004

V828 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 22 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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OPTIN
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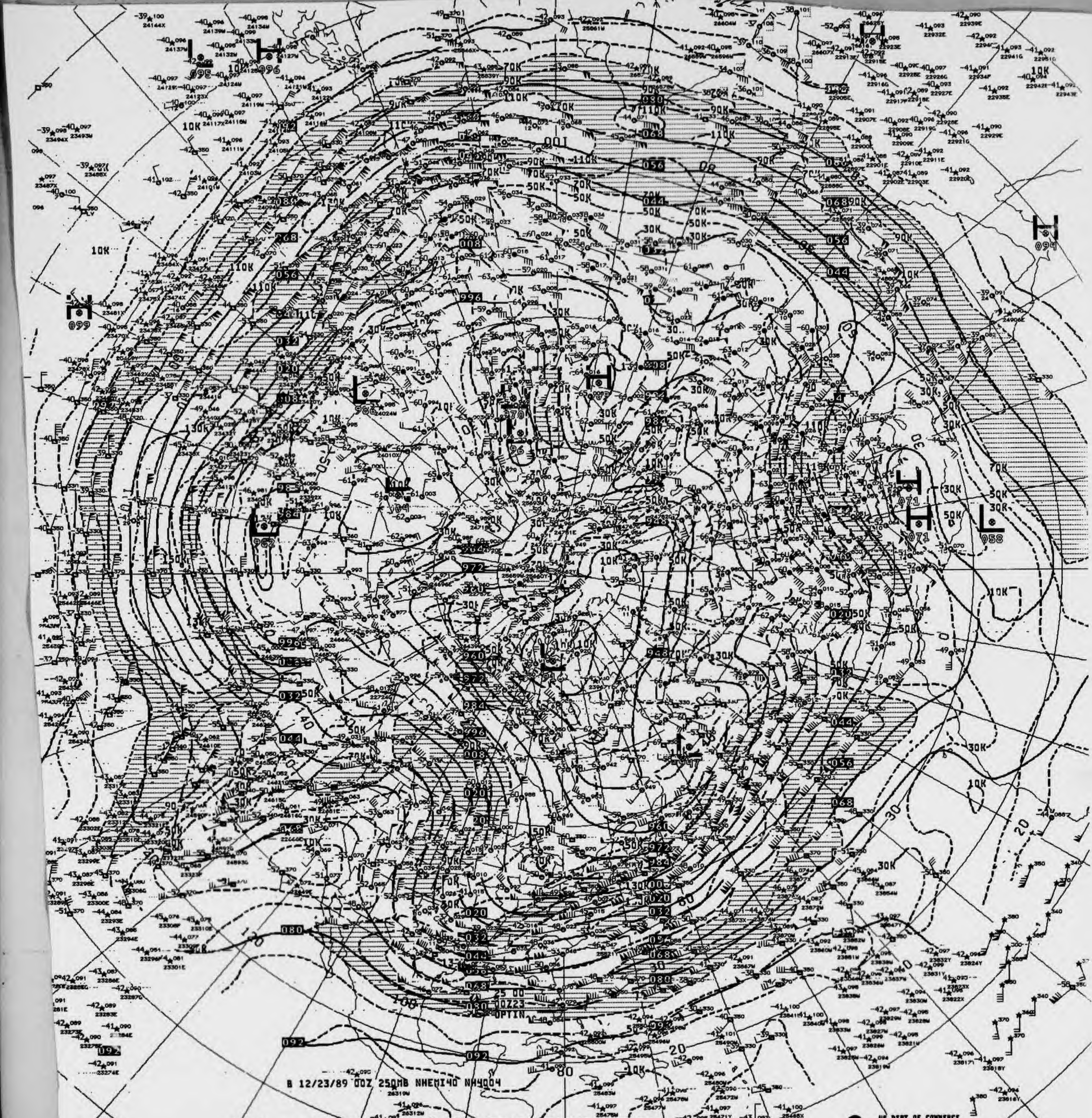
12Z22

V2176 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 22 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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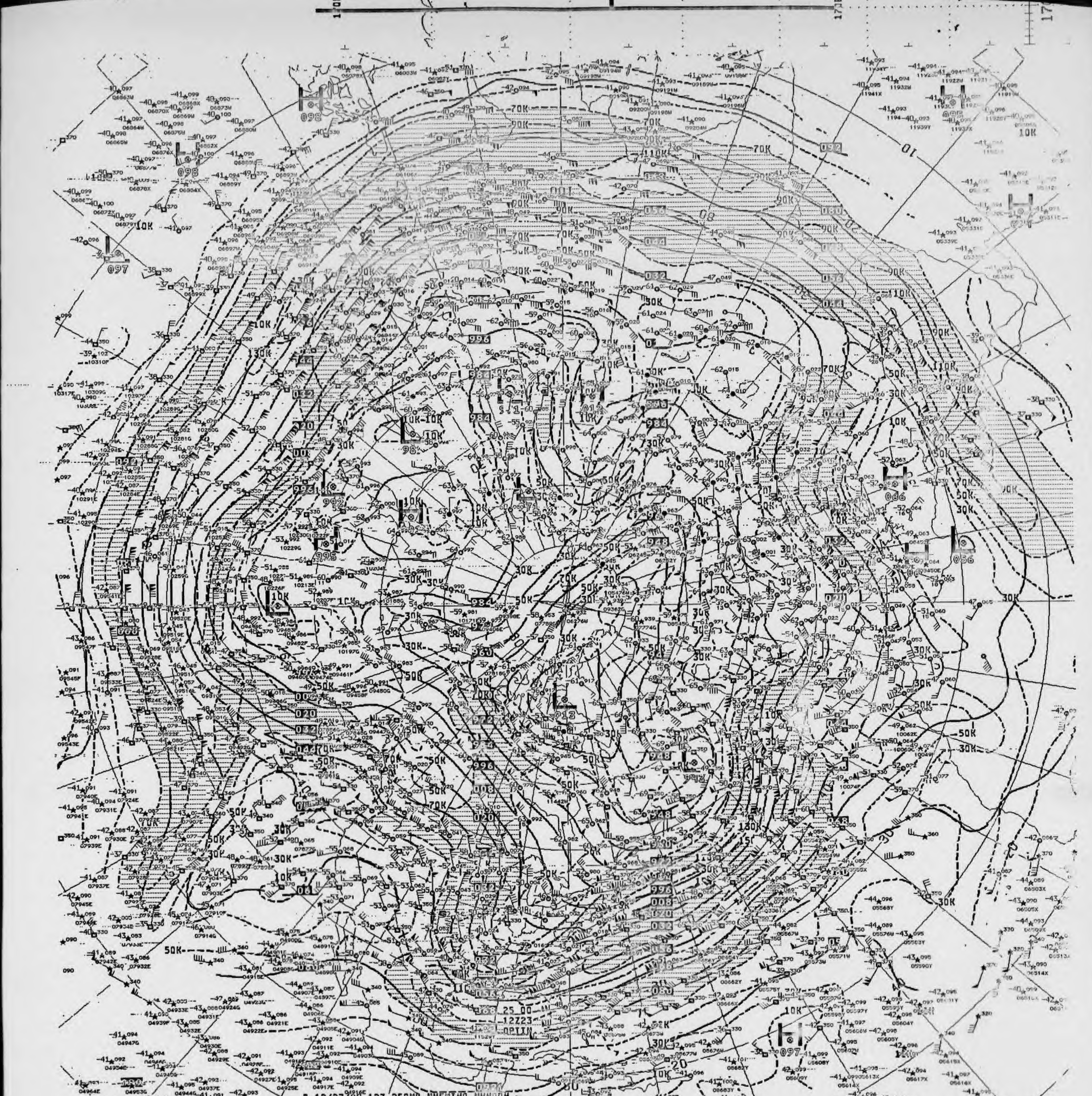
V826 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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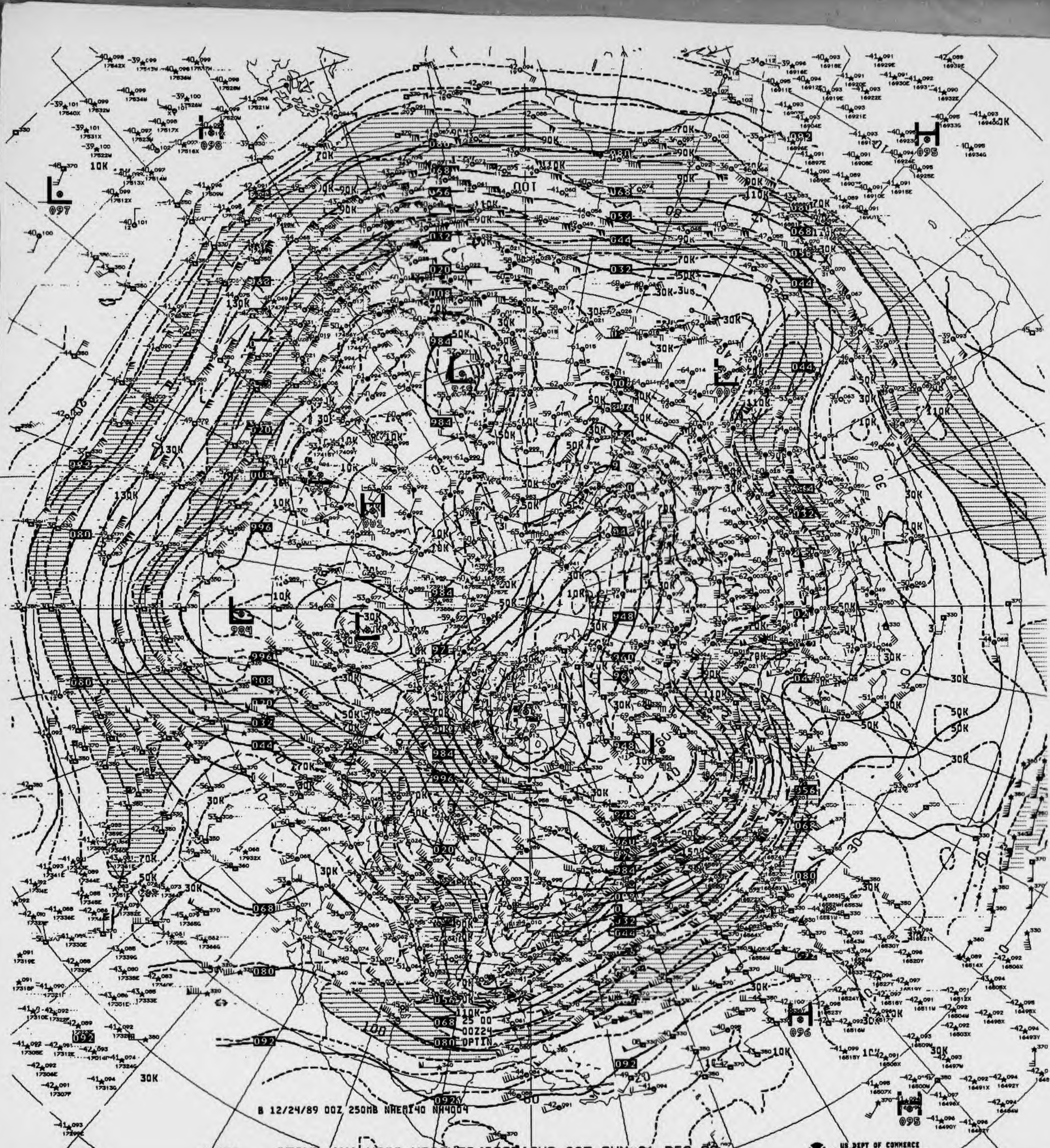
V876 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z24
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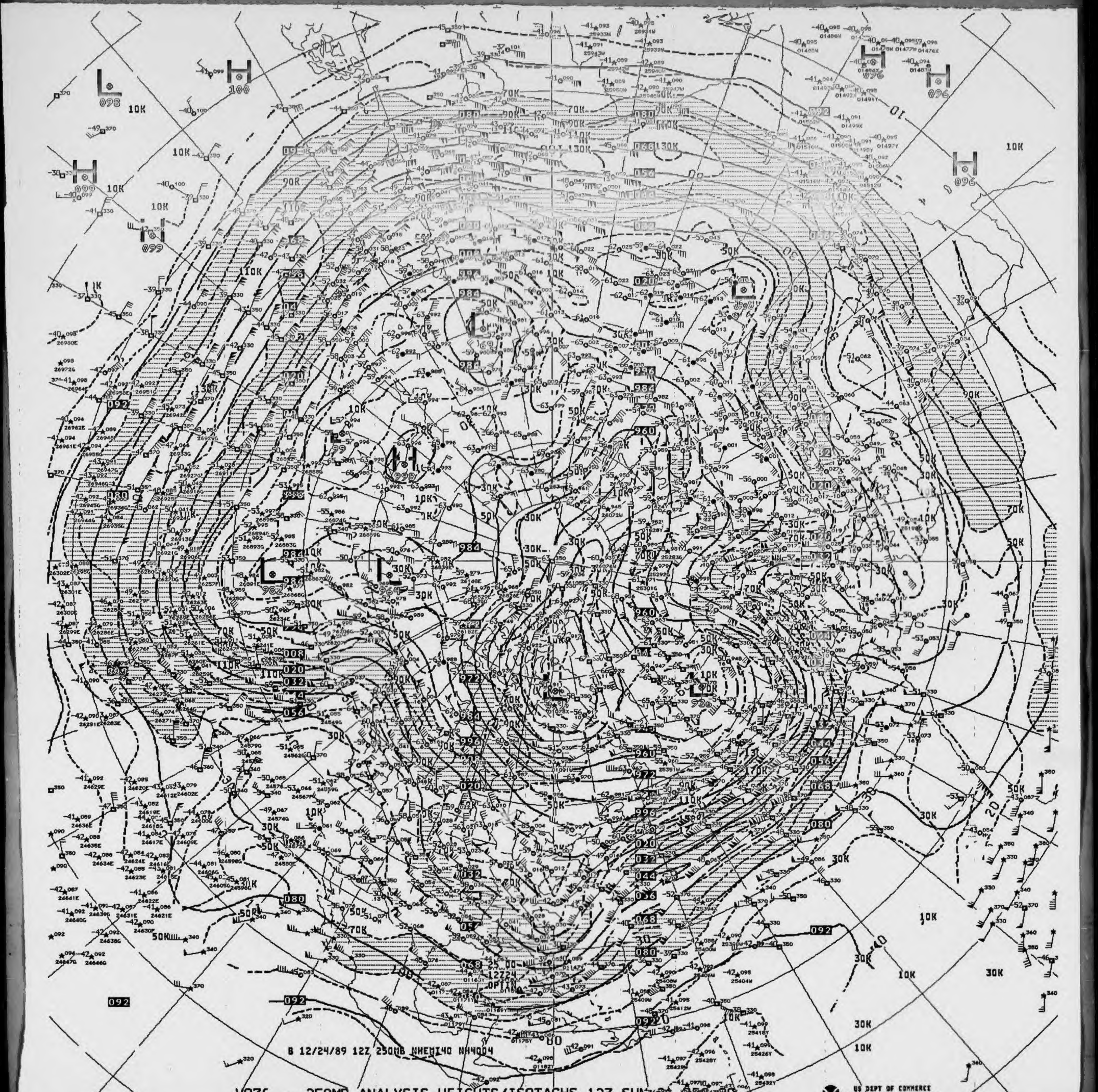
V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 24 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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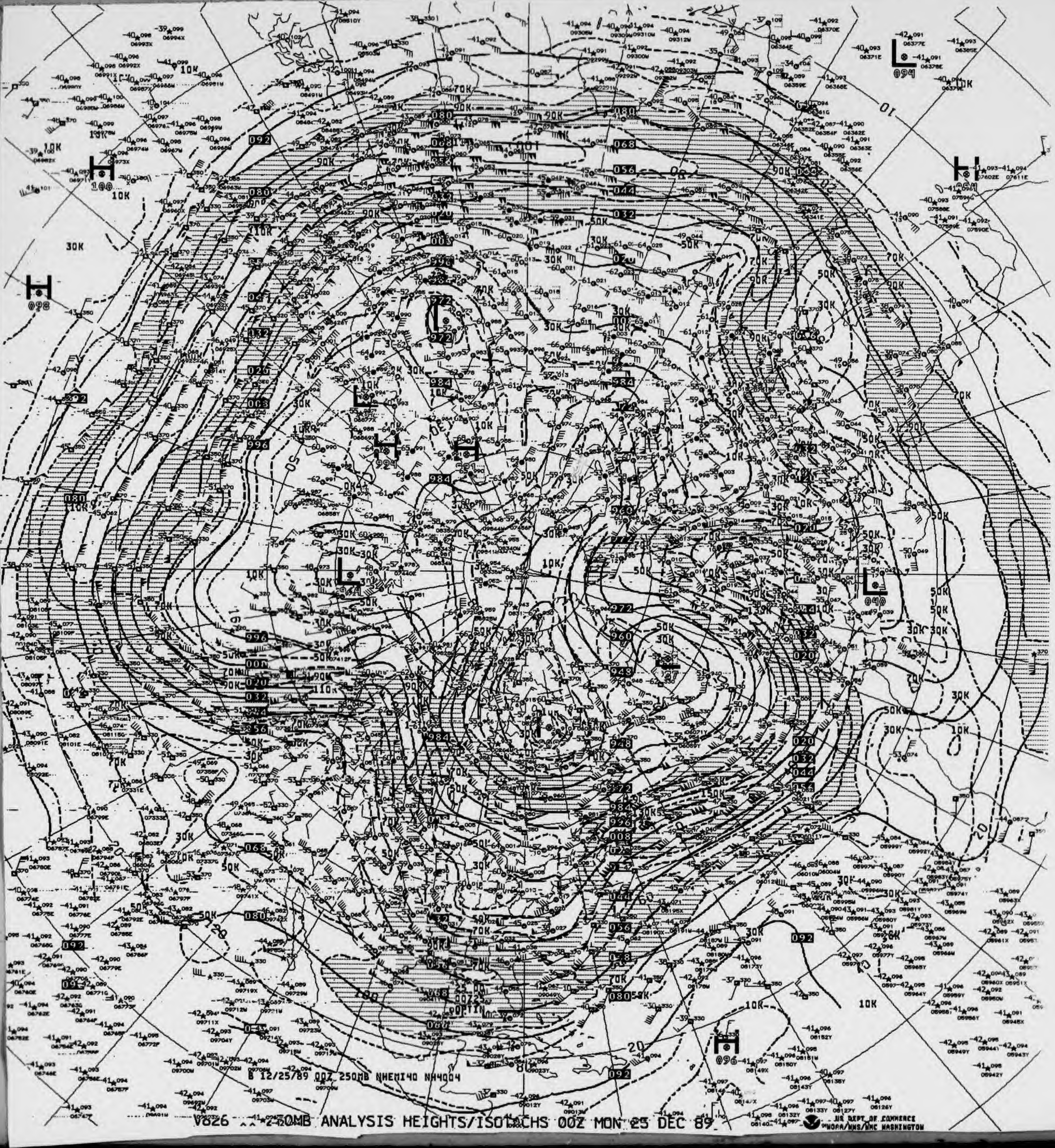
V876 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 24 DEC 89

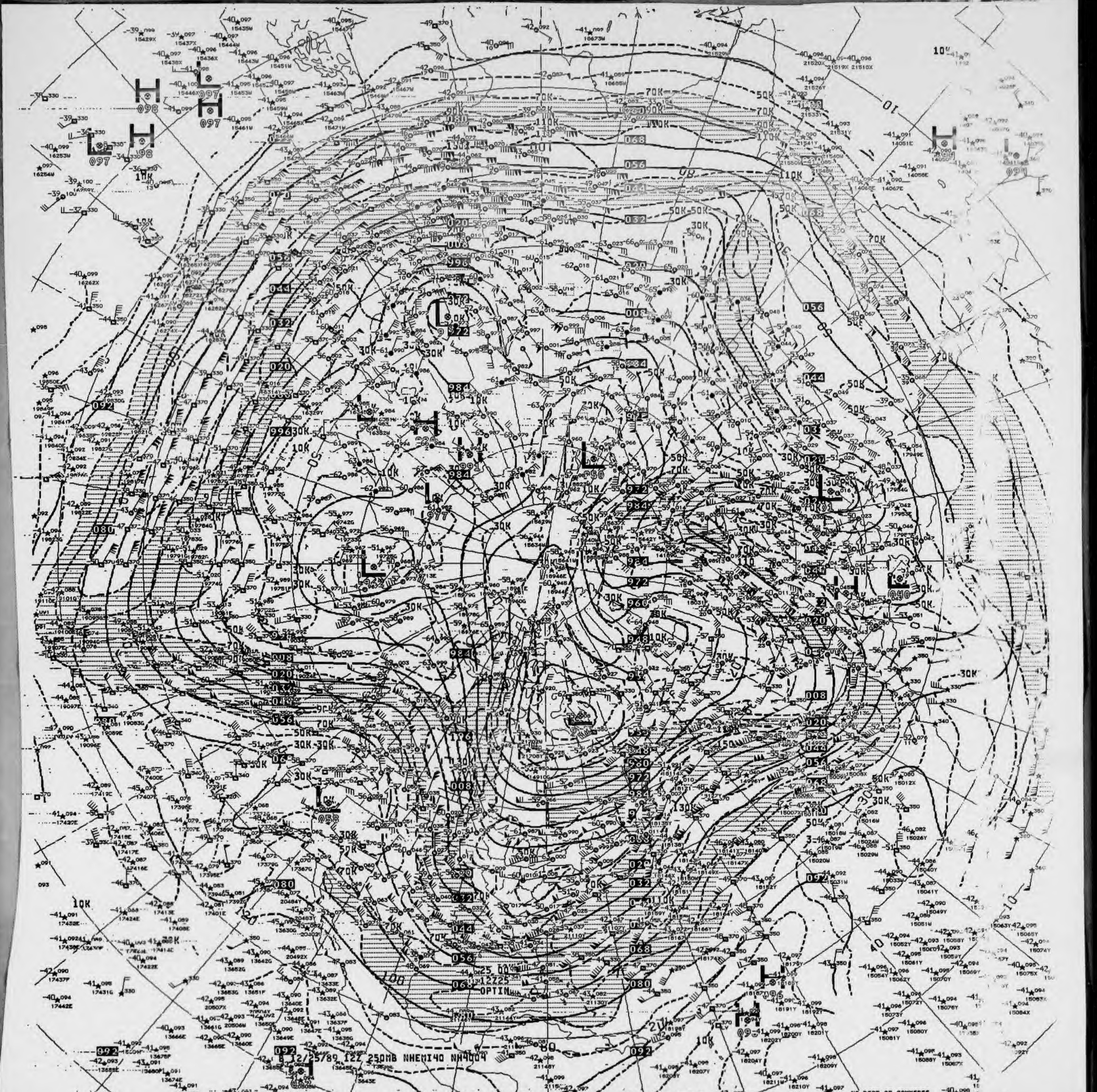
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/25/89 00Z 250MB NHEMI40 NH4004

V826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 25 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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12Z25
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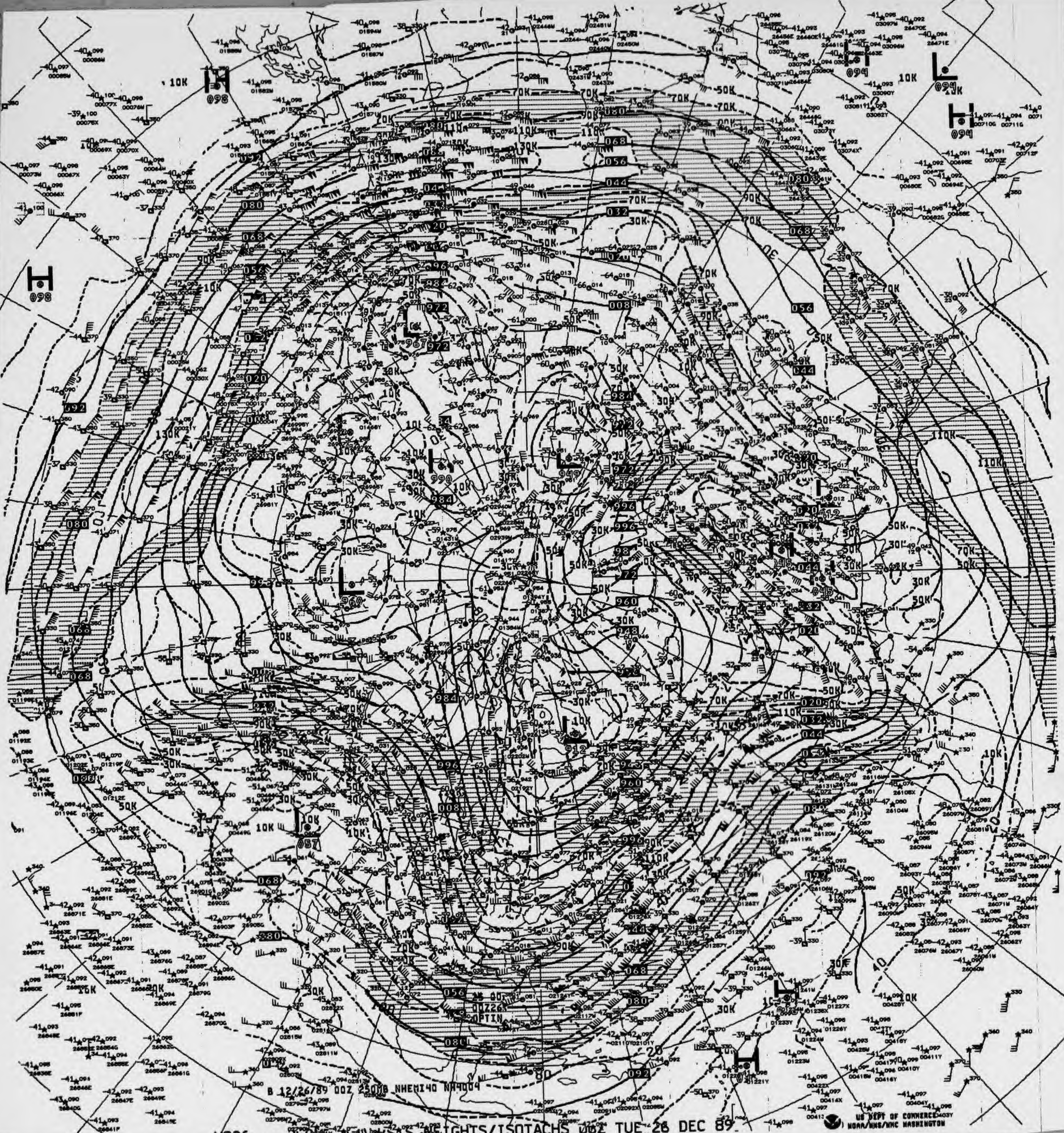
V076 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 25 DEC 89

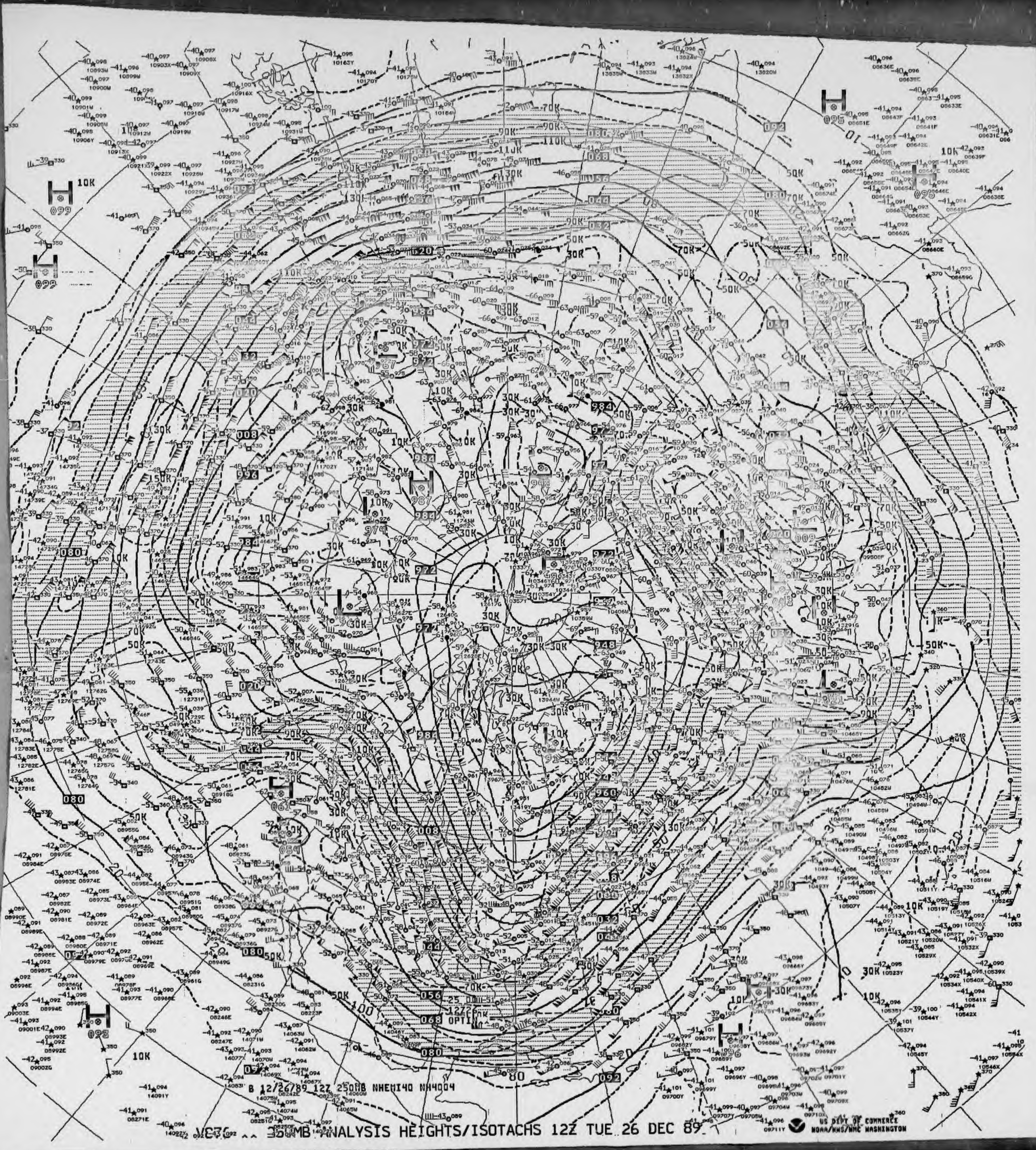
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/26/89 00Z 250MB NHEMI40 NH4004

V826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 26 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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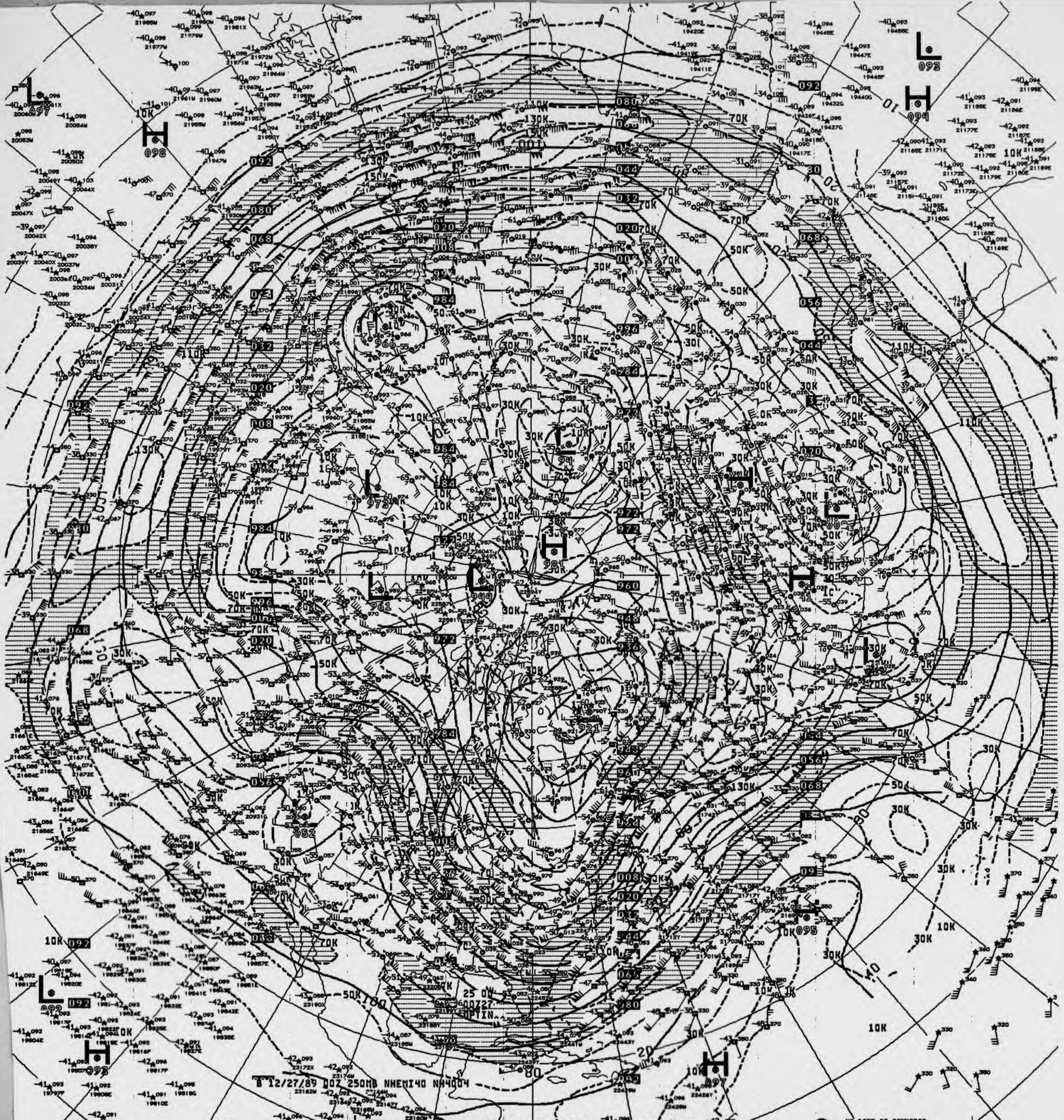
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 26 DEC 89



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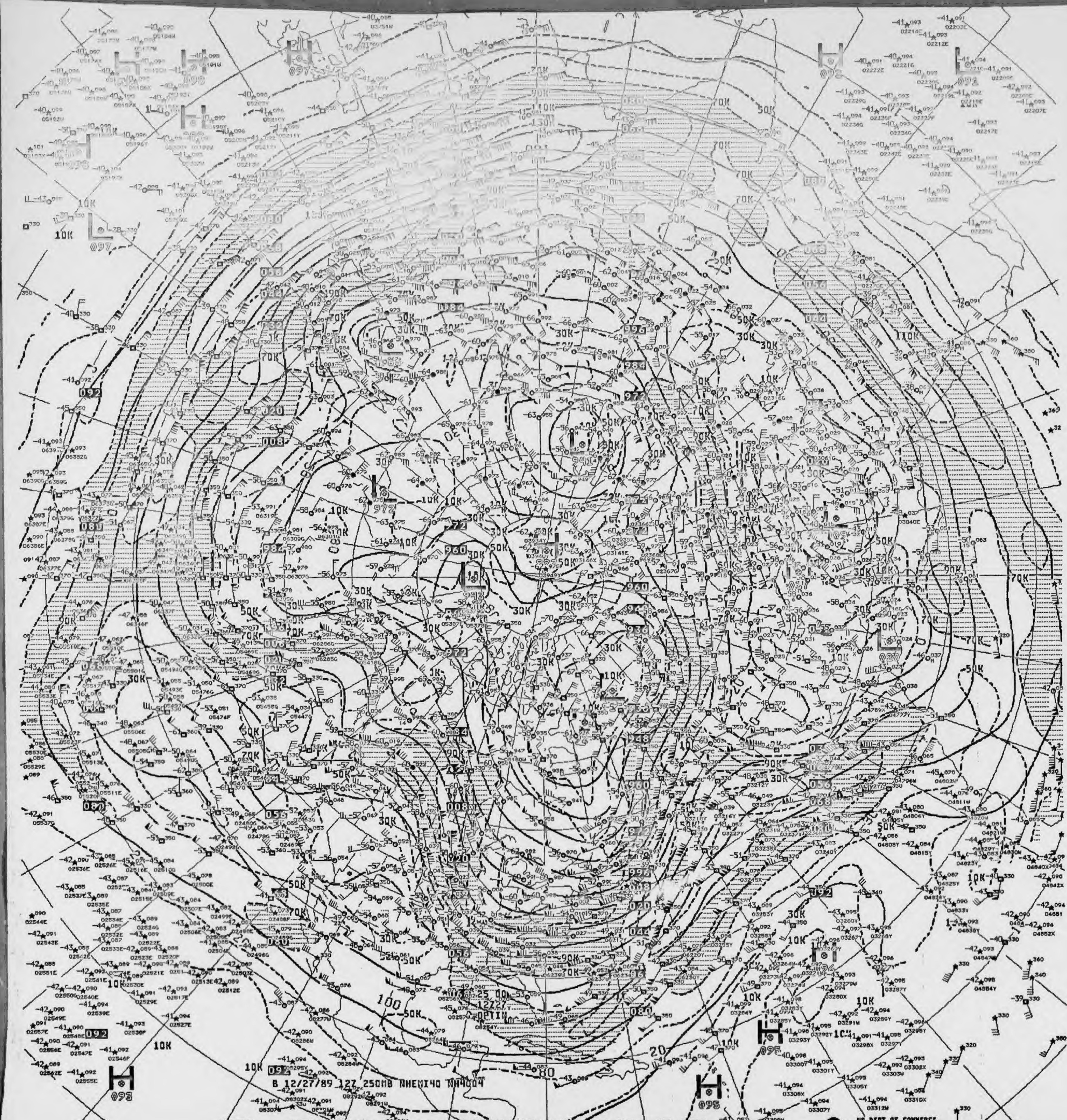
V826 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 27 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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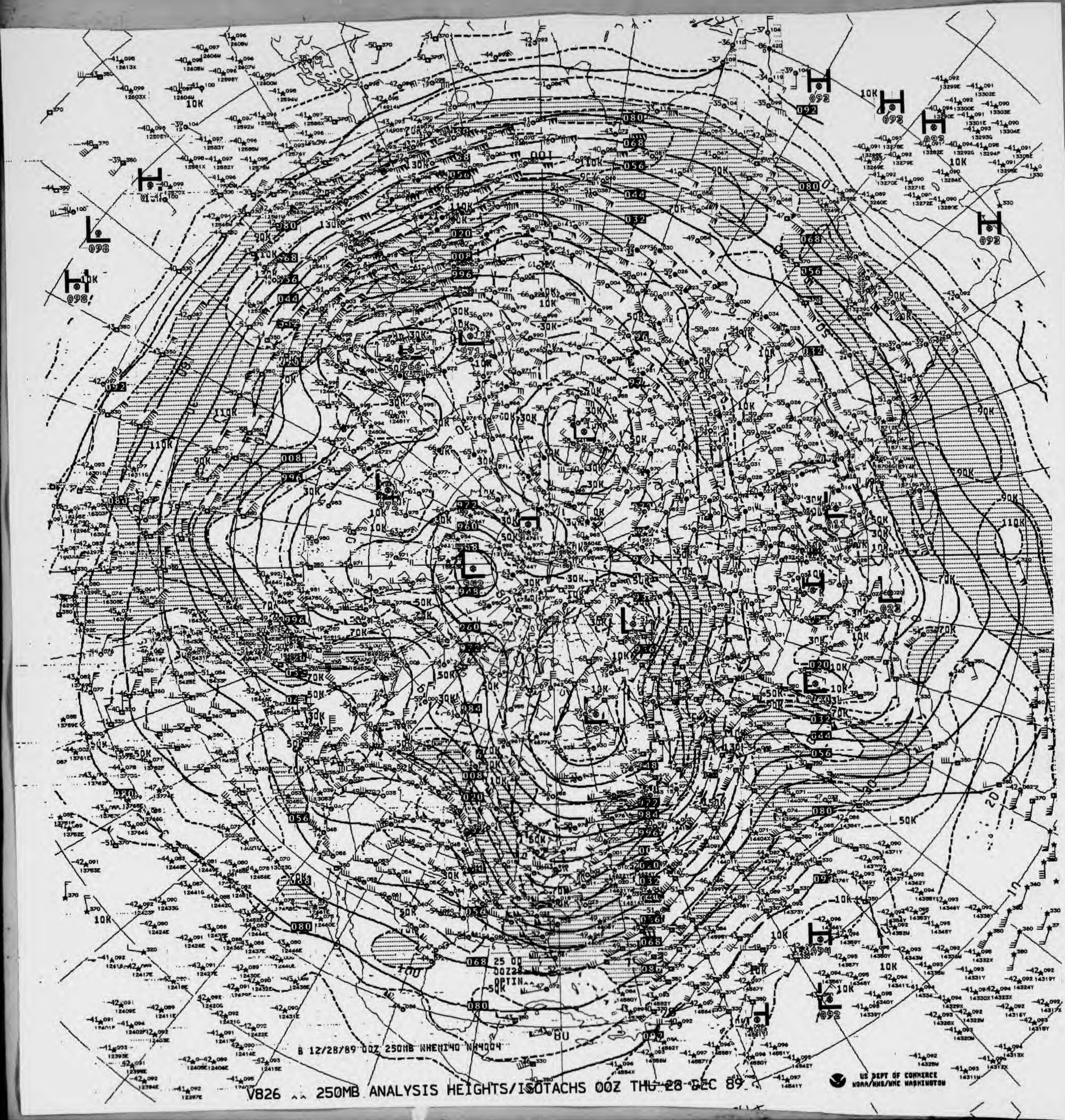
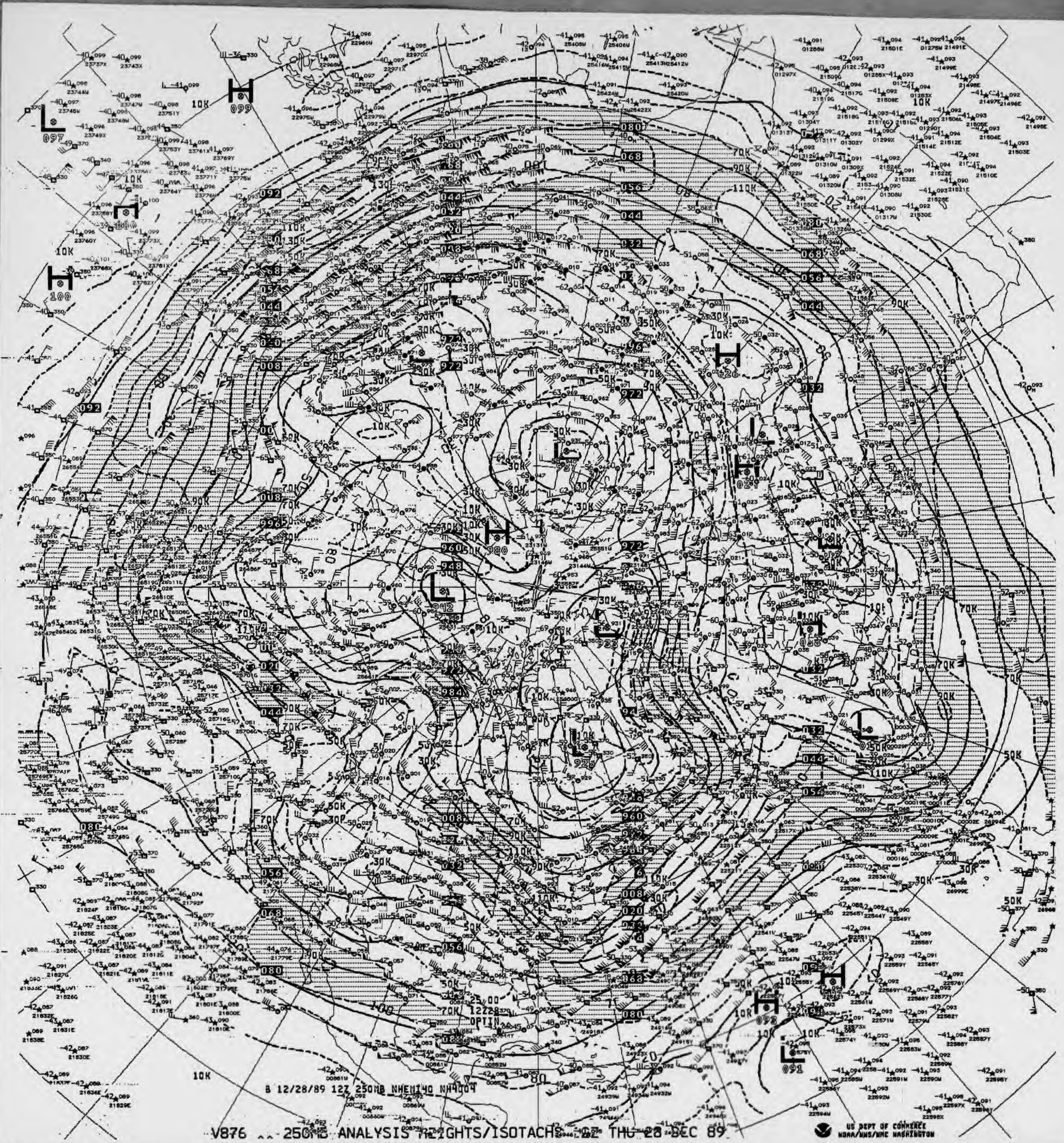
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/28/89 00Z 250MB NHEMI40 NH4004

V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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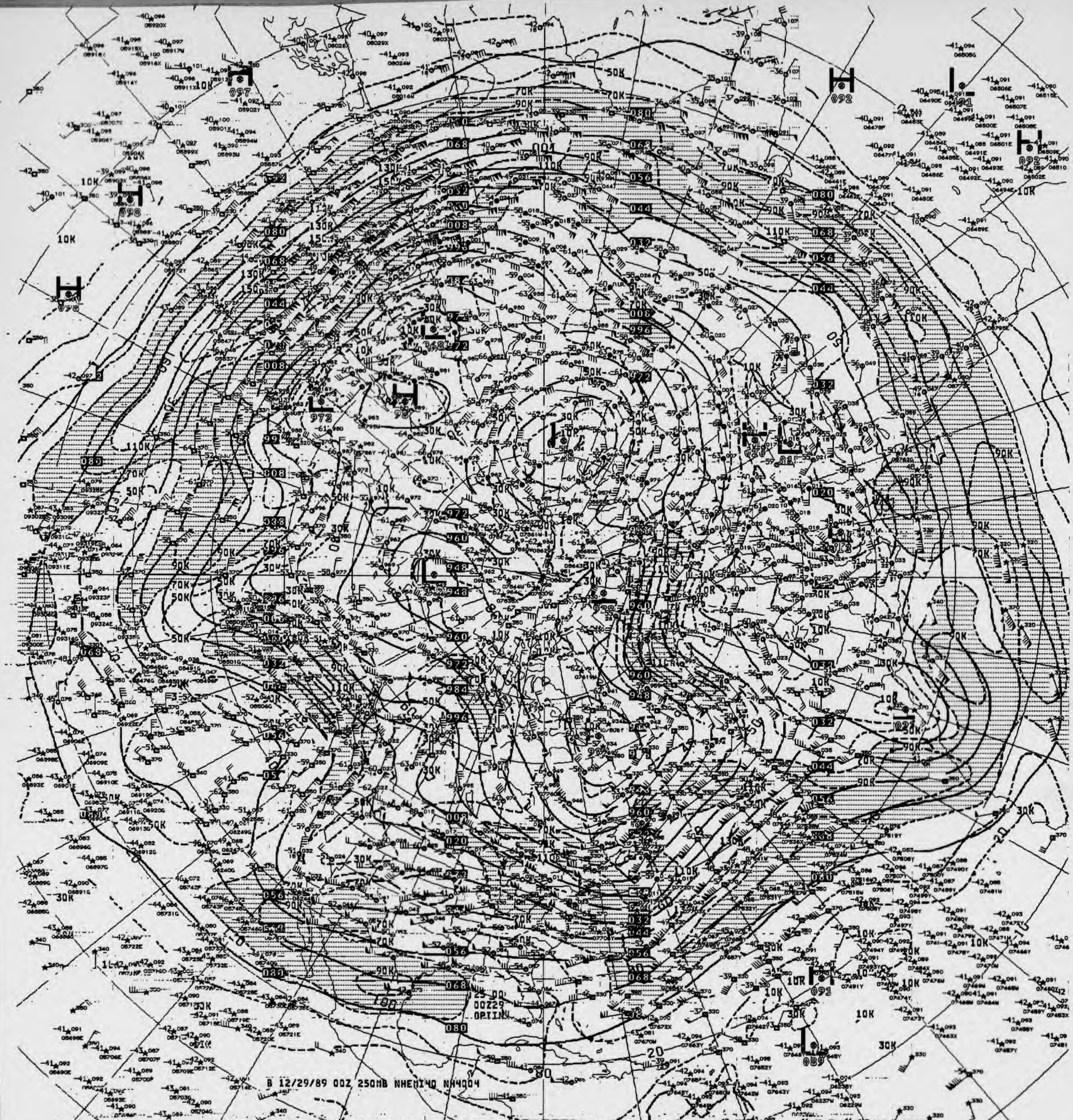
V876 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 28 DEC 89

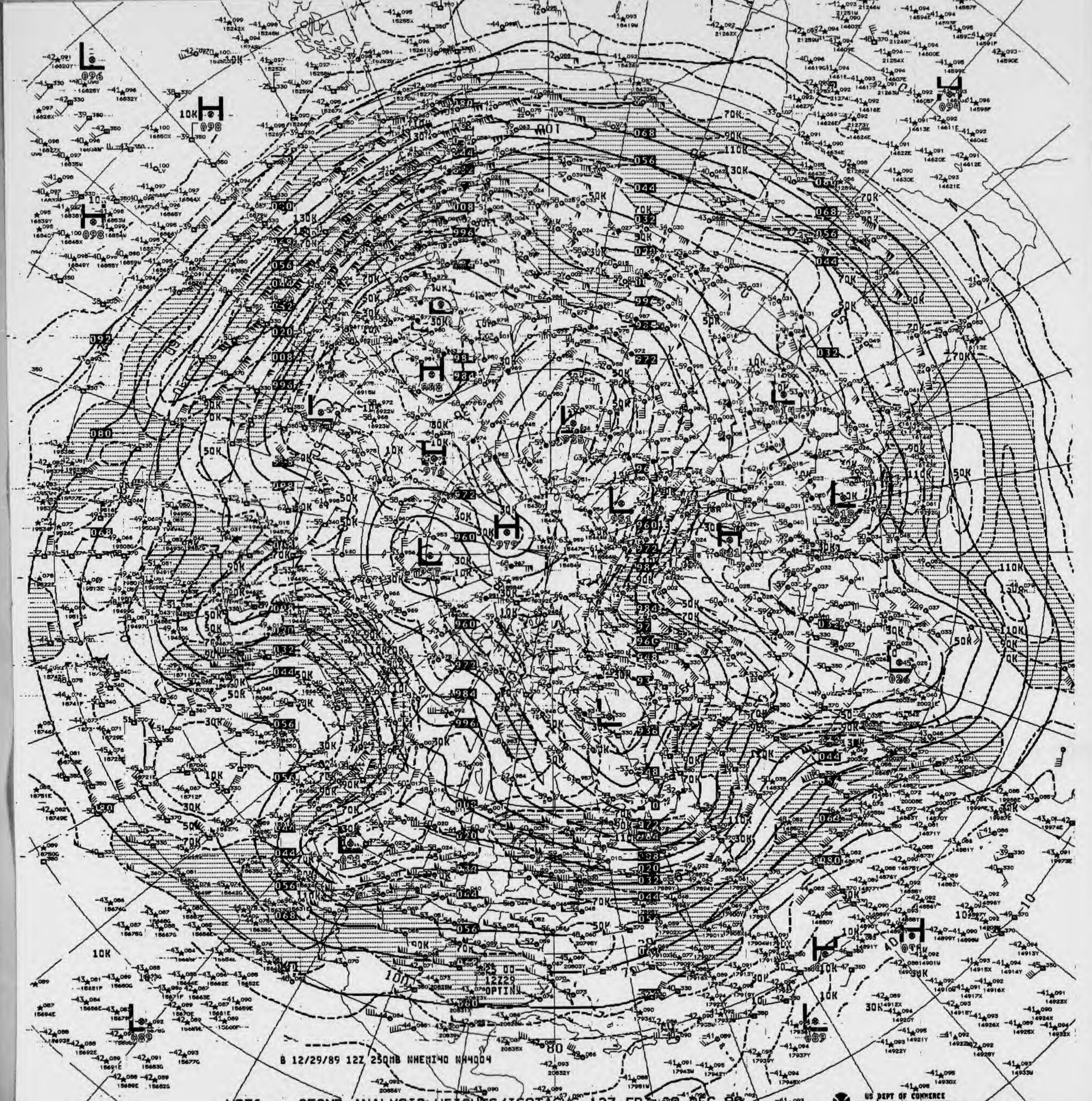
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/29/89 00Z 250MB NHEMI40 NH4004

V826 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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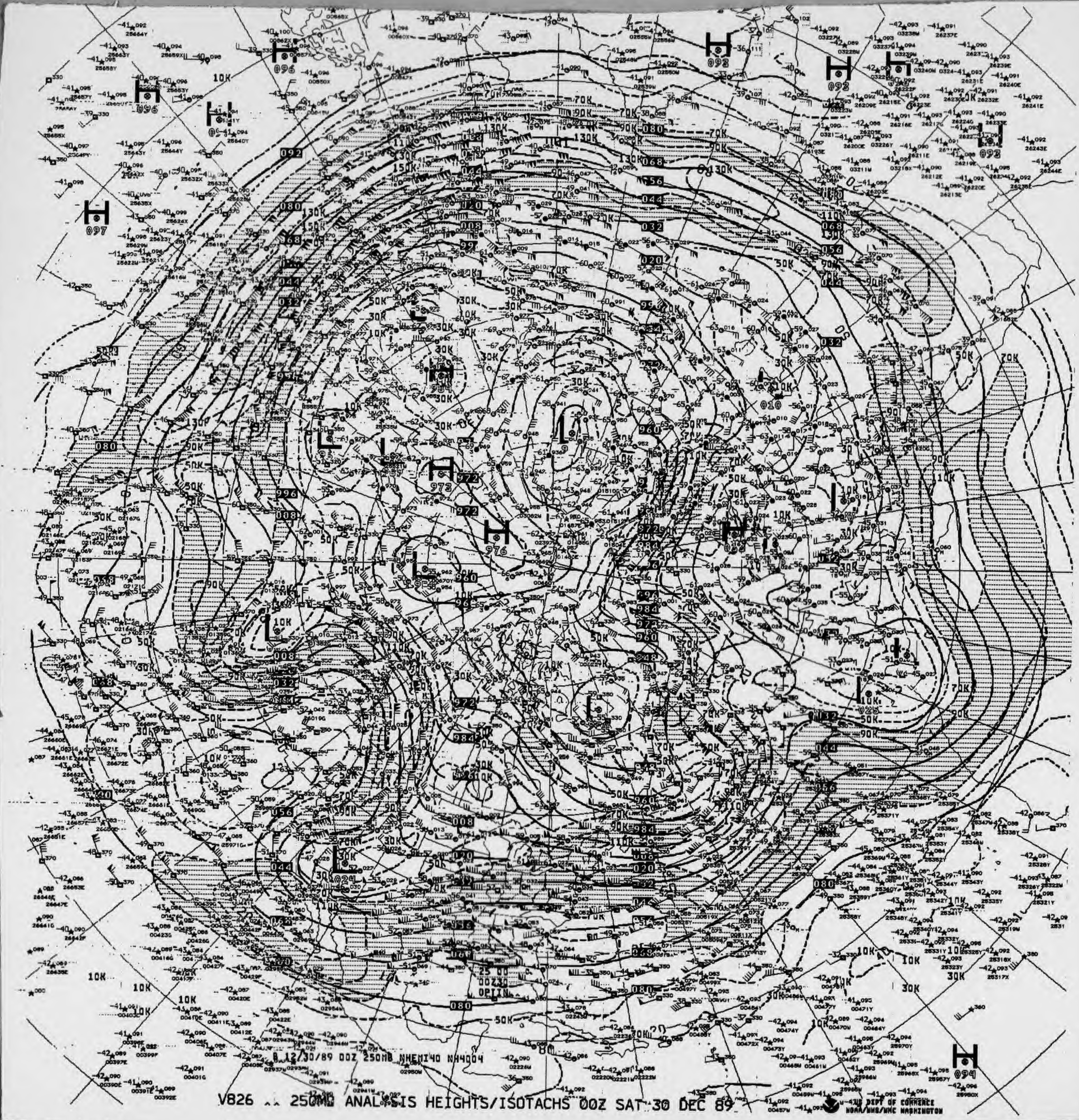
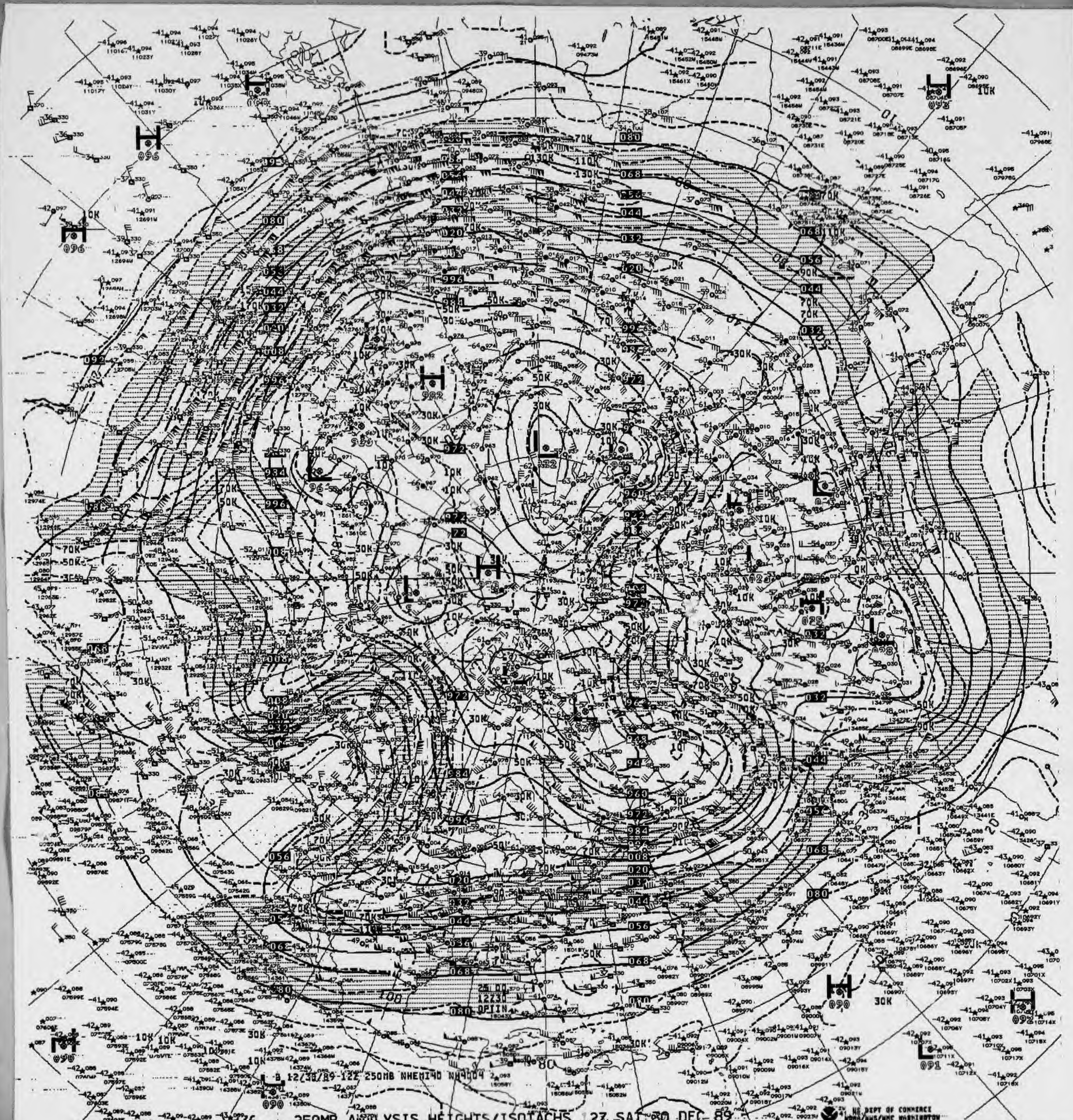
V876... 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


8 12/30/89 00Z 250MB NHEMI40 NH4004

V826 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/30/89-12Z 250MB NHEMI40 NH4004
25100
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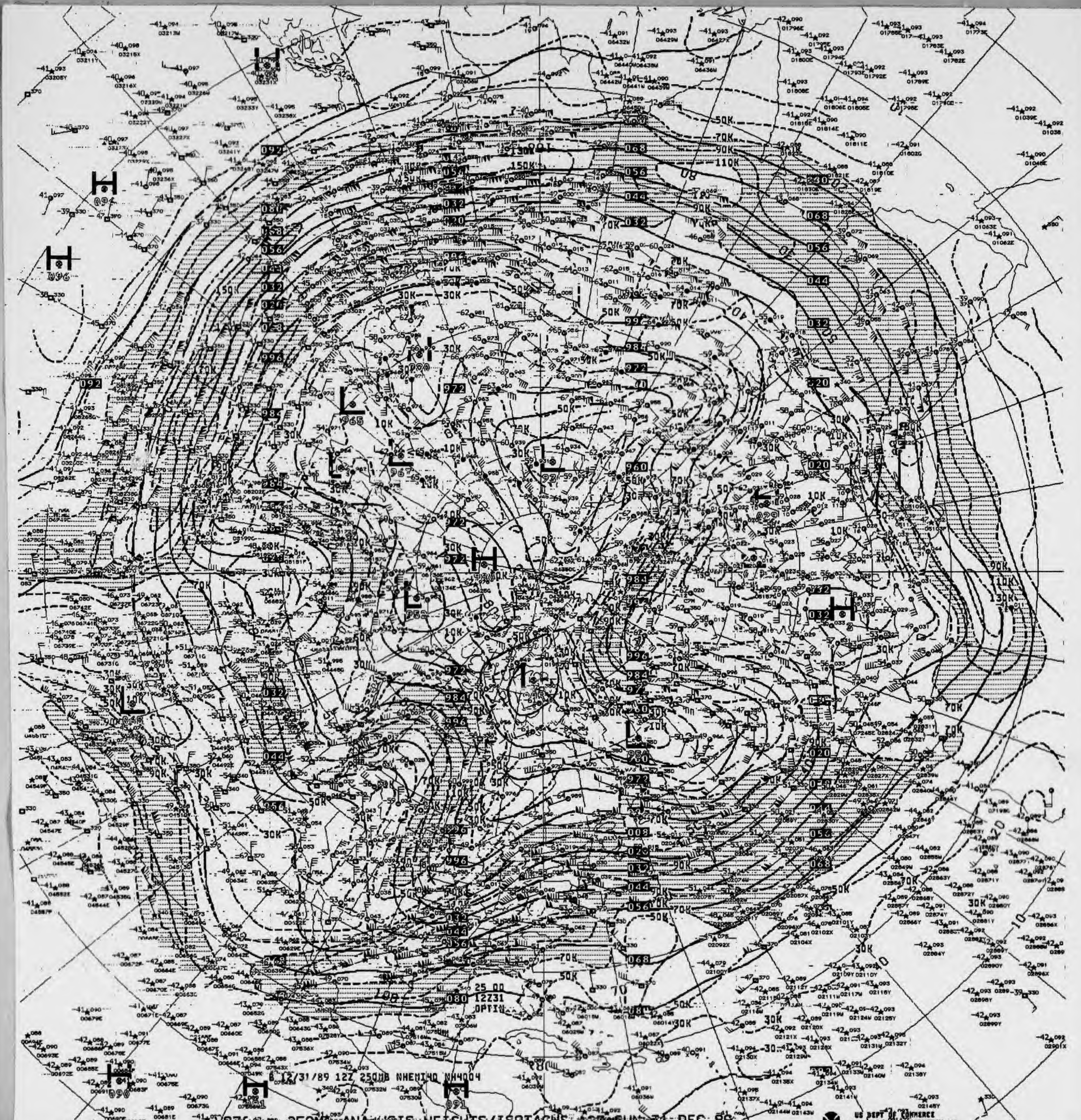
OPIIN

276 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


8 12/31/89 12Z 250MB NHEMI40 NH4004
25 00
12Z31
OPTIN

V876 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 31 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

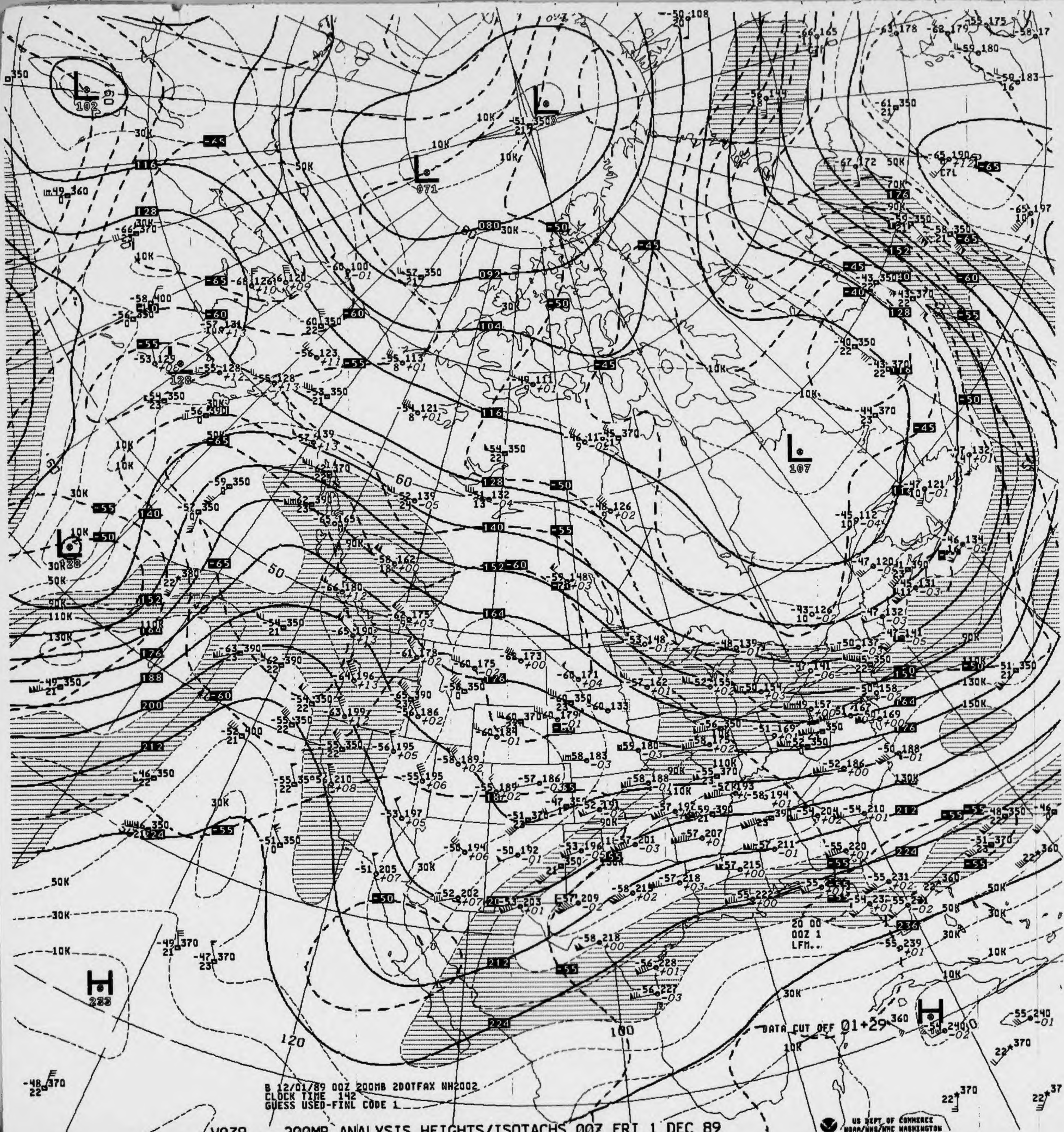
NOAA Form 48 - 365A
(Rev. 8-83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

200 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING



B 12/01/89 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

DATA CUT OFF 01+29

20 00
00Z 1
LFM..

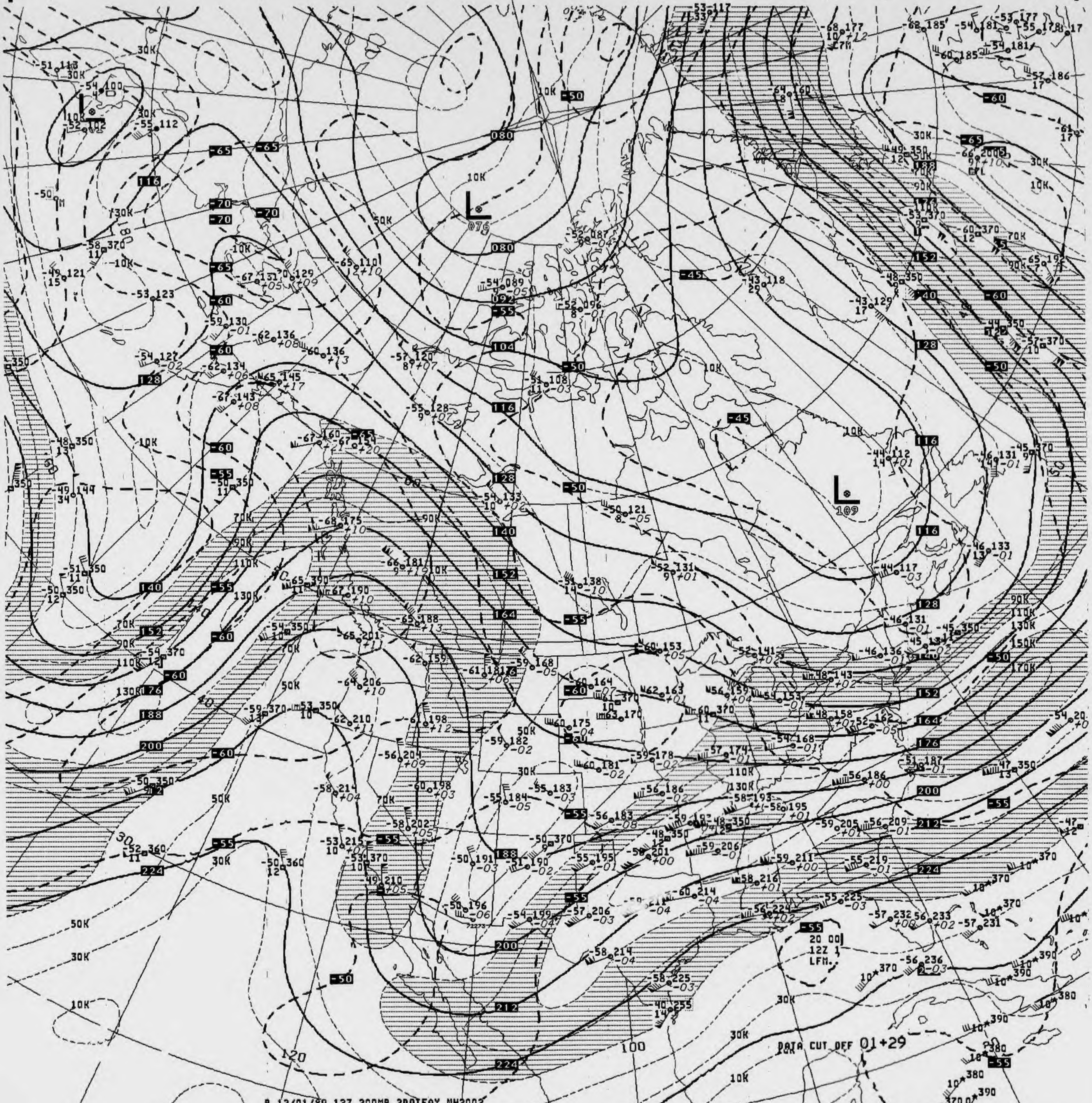
V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 1 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

200MB

51 196
29

ID 72273
LAT/LONG 31N110W



L
076
L
109
080
104
116
128
140
152
164
176
188
200
212
224
-45
-50
-55
-60
-65
-70
10K
30K
50K
70K
90K
110K
130K
150K
170K
20 00
12Z 1
LFM.
DATA CUT OFF 01+29
100
120

8 12/01/89 12Z 200MB 200TFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1

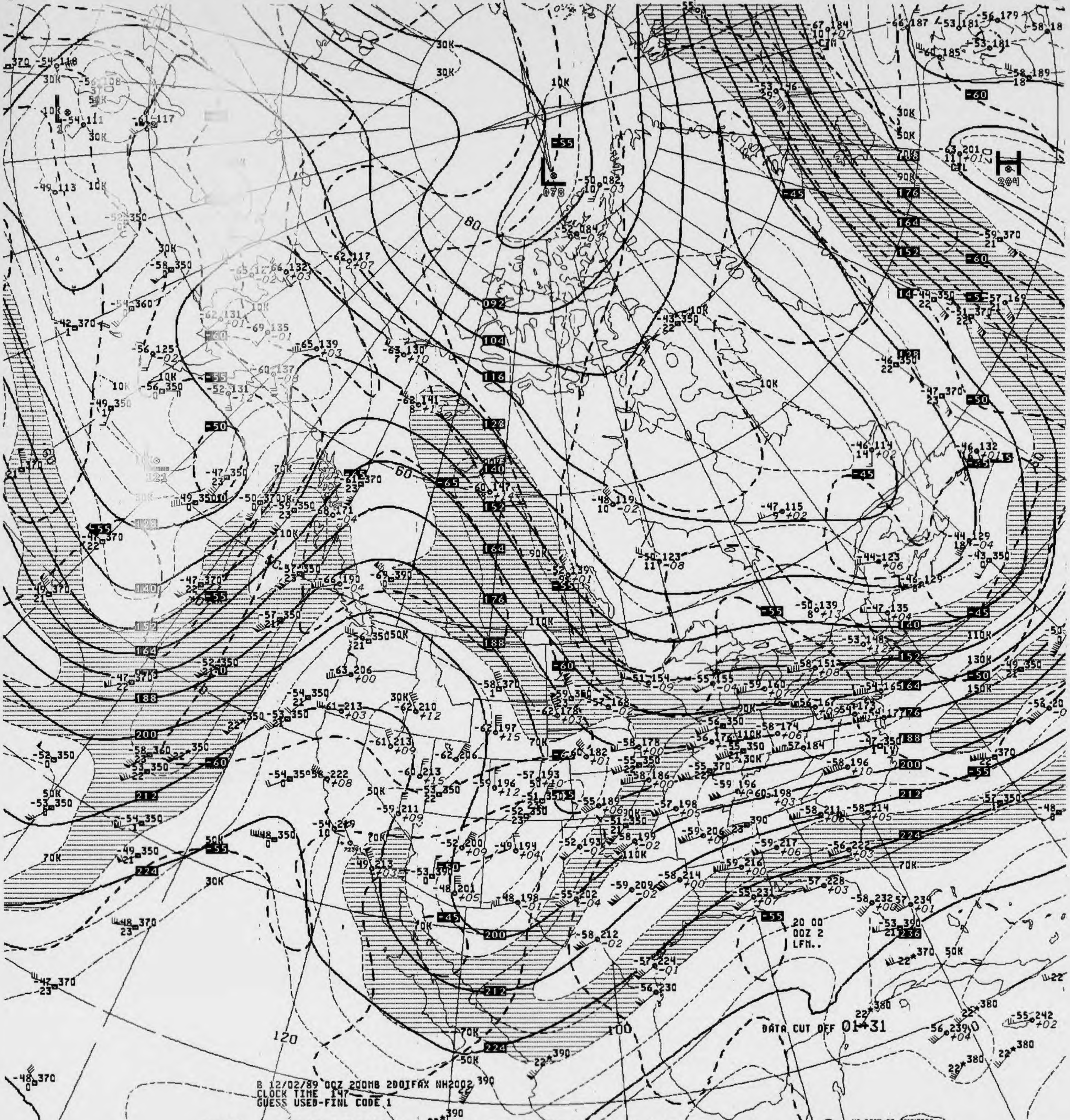
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 1 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

200MB

-56 218

ID 72391
LAT/LONG 34N119W


B 12/02/89 00Z 200MB 200IFAX NH2002 390
CLOCK TIME 147
GUESS USED-FINL CODE 1
DATA CUT OFF 01+31
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00Z 2
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H
L
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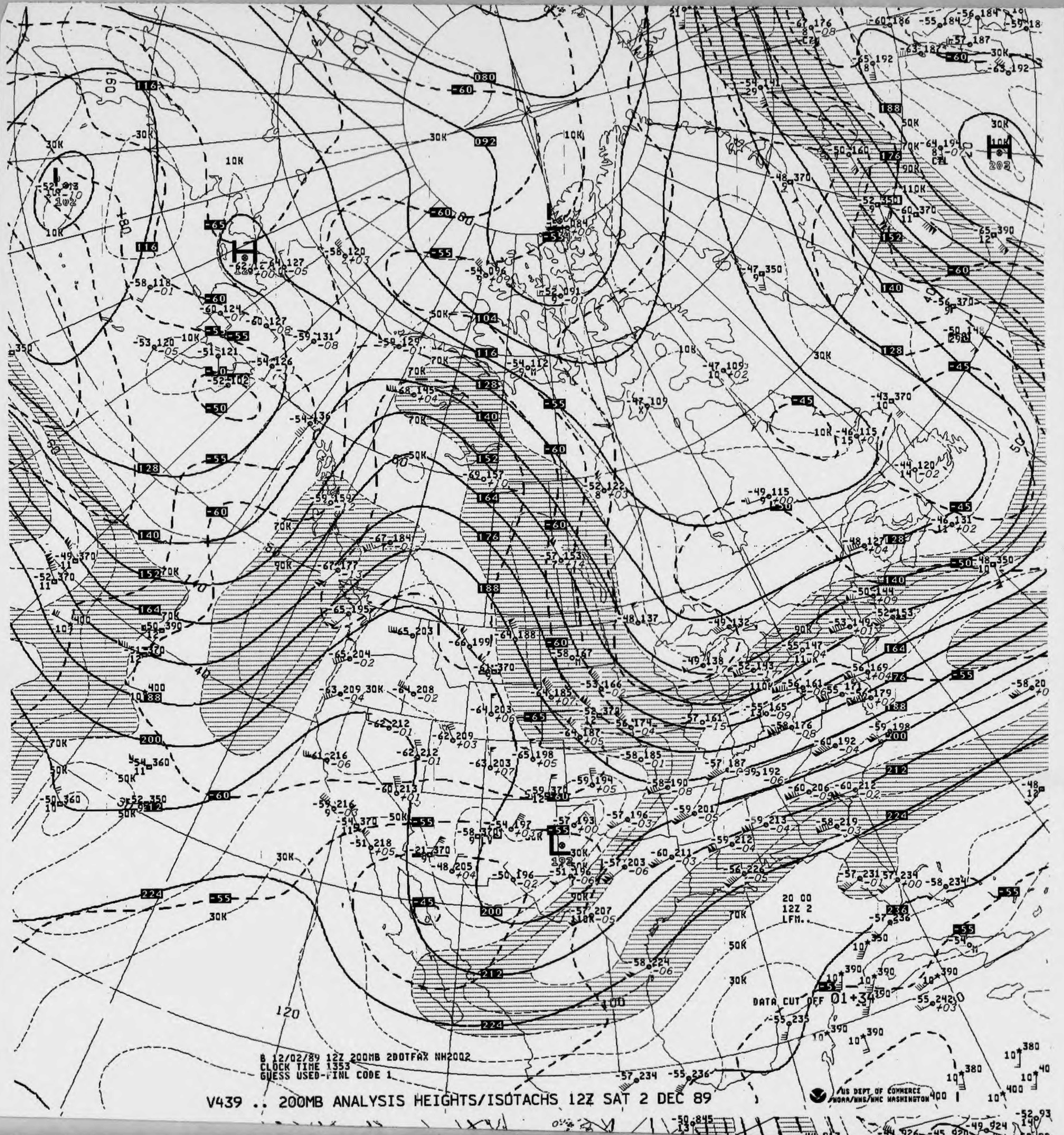
100
120

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 2 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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104
116
128
140
152
164
176
188
200
212
224
236
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-50
-55
-60
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10K
30K
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70K
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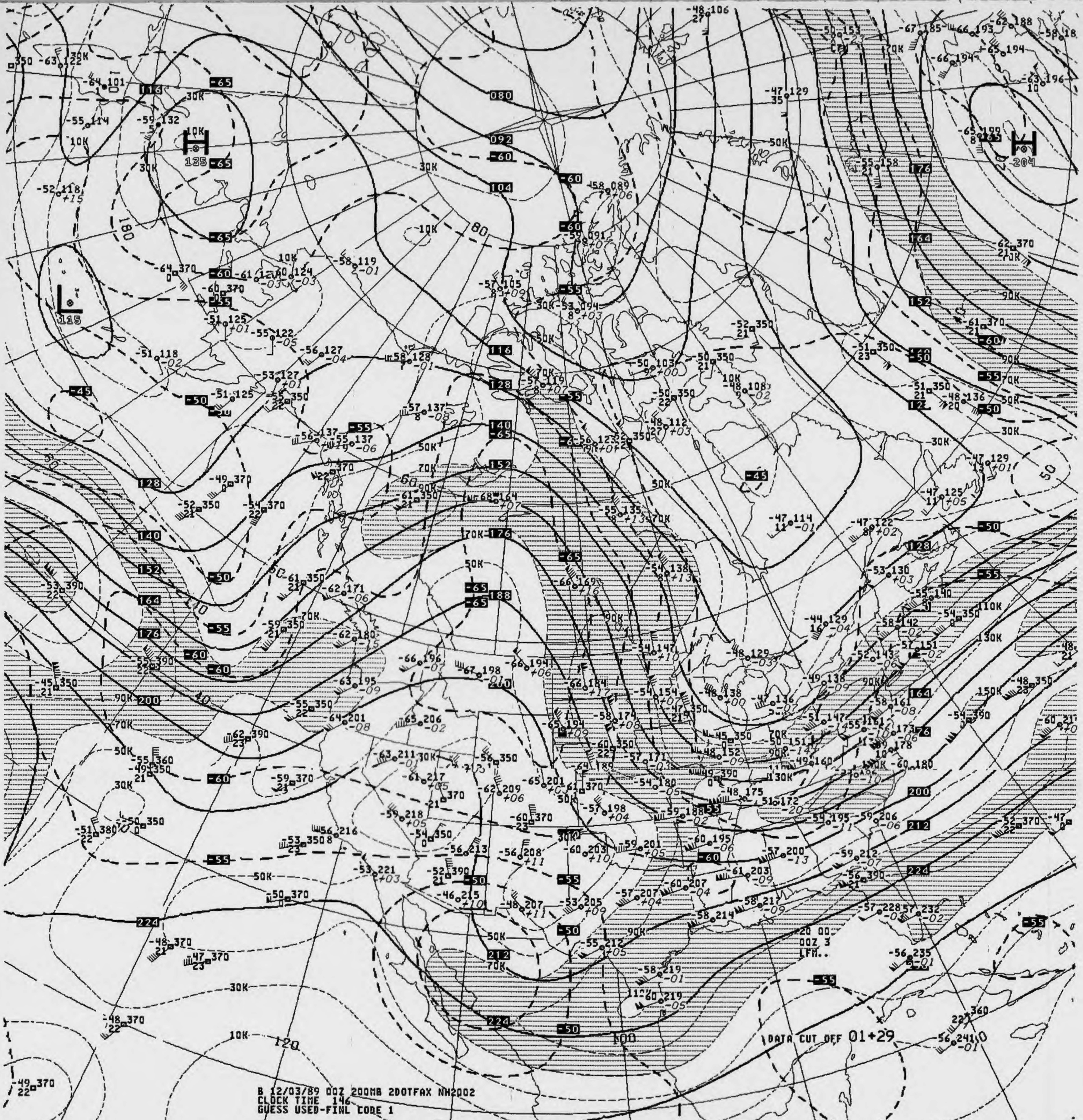
110K
H
L
202
192
DATA CUT OFF 01+34
20 00
12Z 2
LFM.

B 12/02/89 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1353
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 2 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



H
135
H
204
L
115
080
092
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116
128
140
152
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200
212
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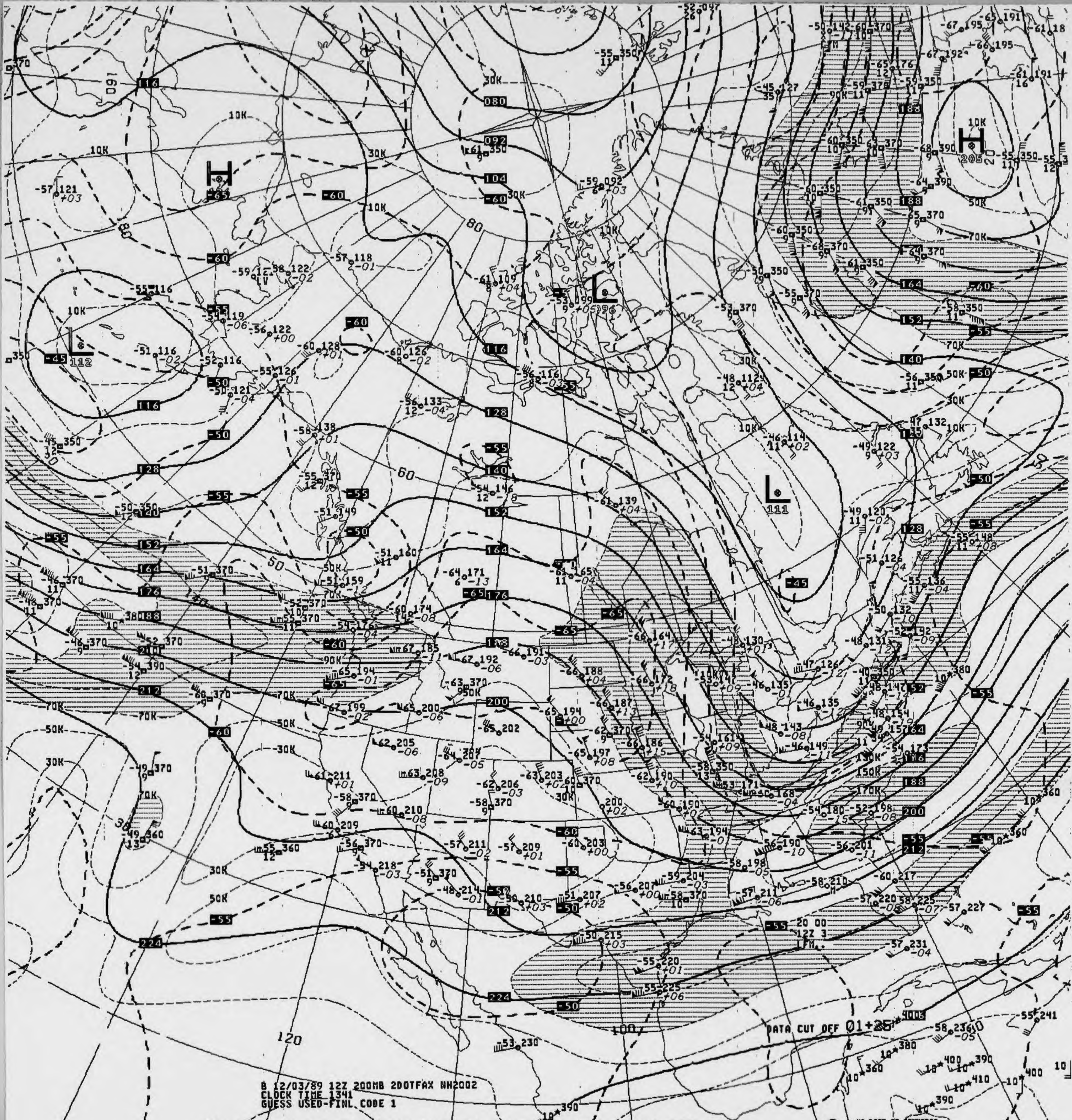
-50
-55
-60
-65
10K
30K
50K
70K
90K
110K
130K
150K
DATA CUT OFF 01+29
20 00
00Z 3
LFM..

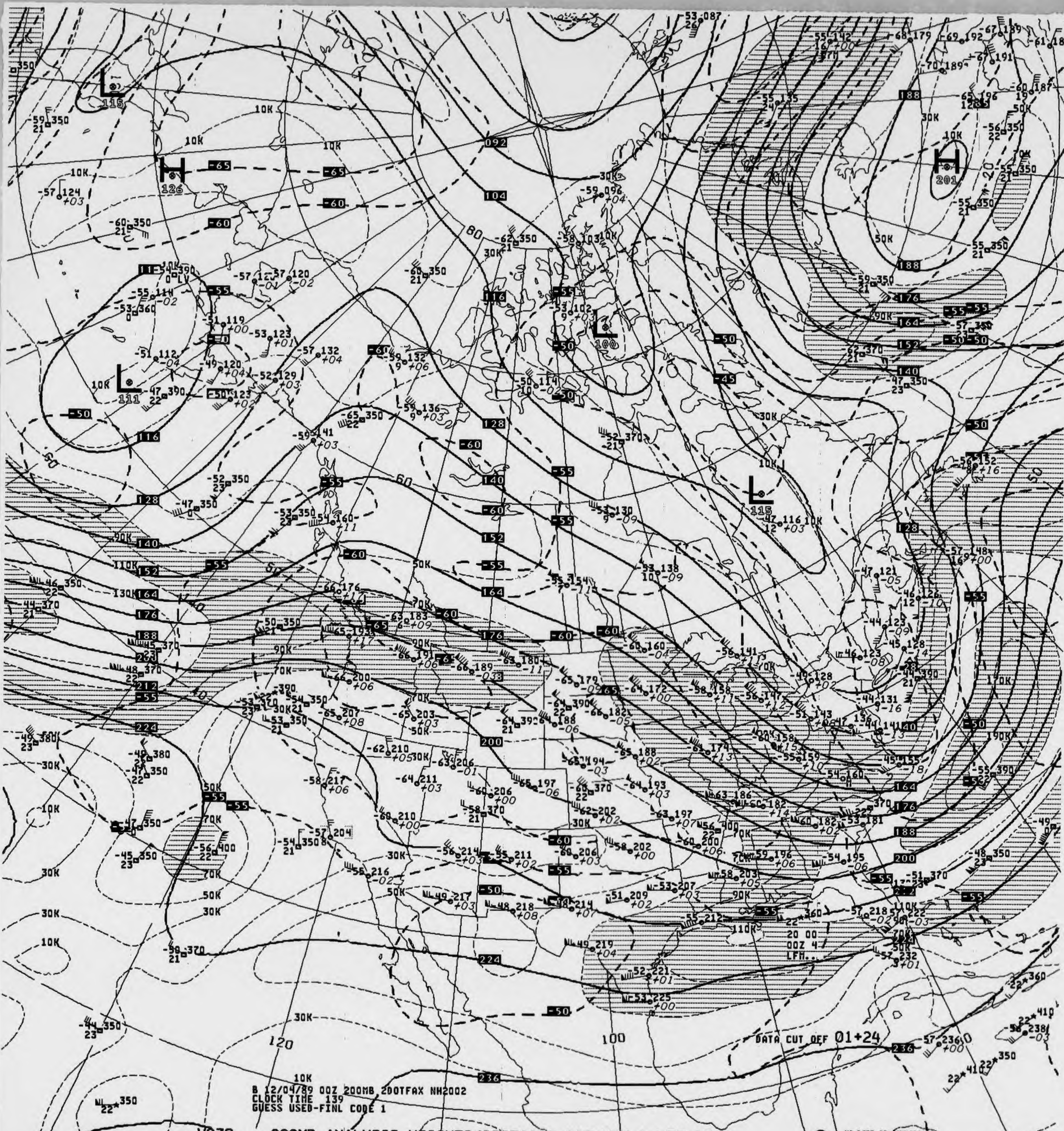
B 12/03/89 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 146
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/03/89 12Z 200MB 200TFAX NH2002
CLOCK TIME 1341
GUESS USED-FINL CODE 1
DATA CUT OFF 01+25
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 3 DEC 89



B 12/04/89 00Z 200MB 200TFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

200MB

ID
LAT/LONG

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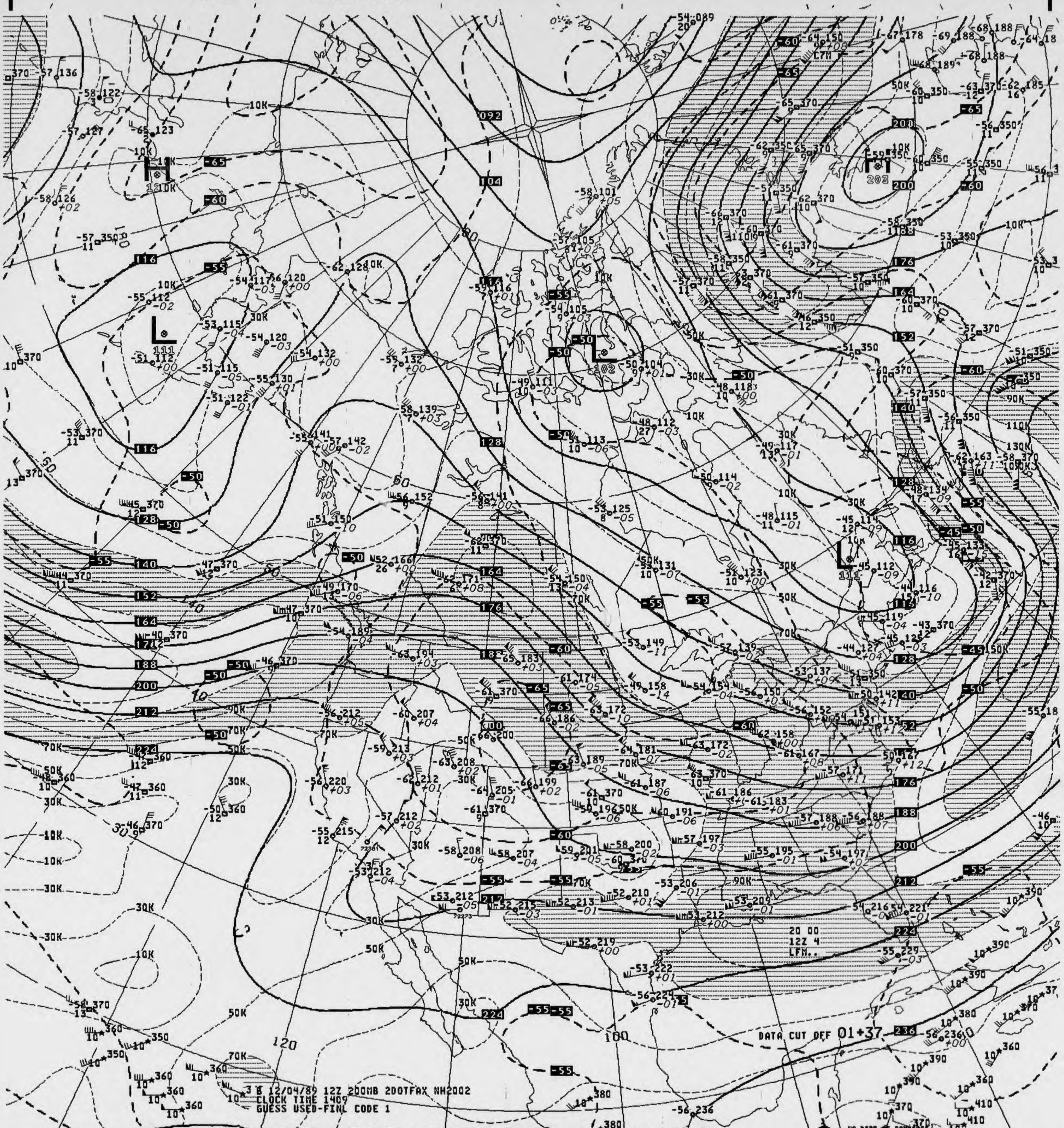
72273 72381
31N110W 34N116W


3 B 12/04/89 12Z 200MB 200TFAX NH2002
CLOCK TIME 1409
GUESS USED-FINL CODE 1
DATA CUT OFF 01+37
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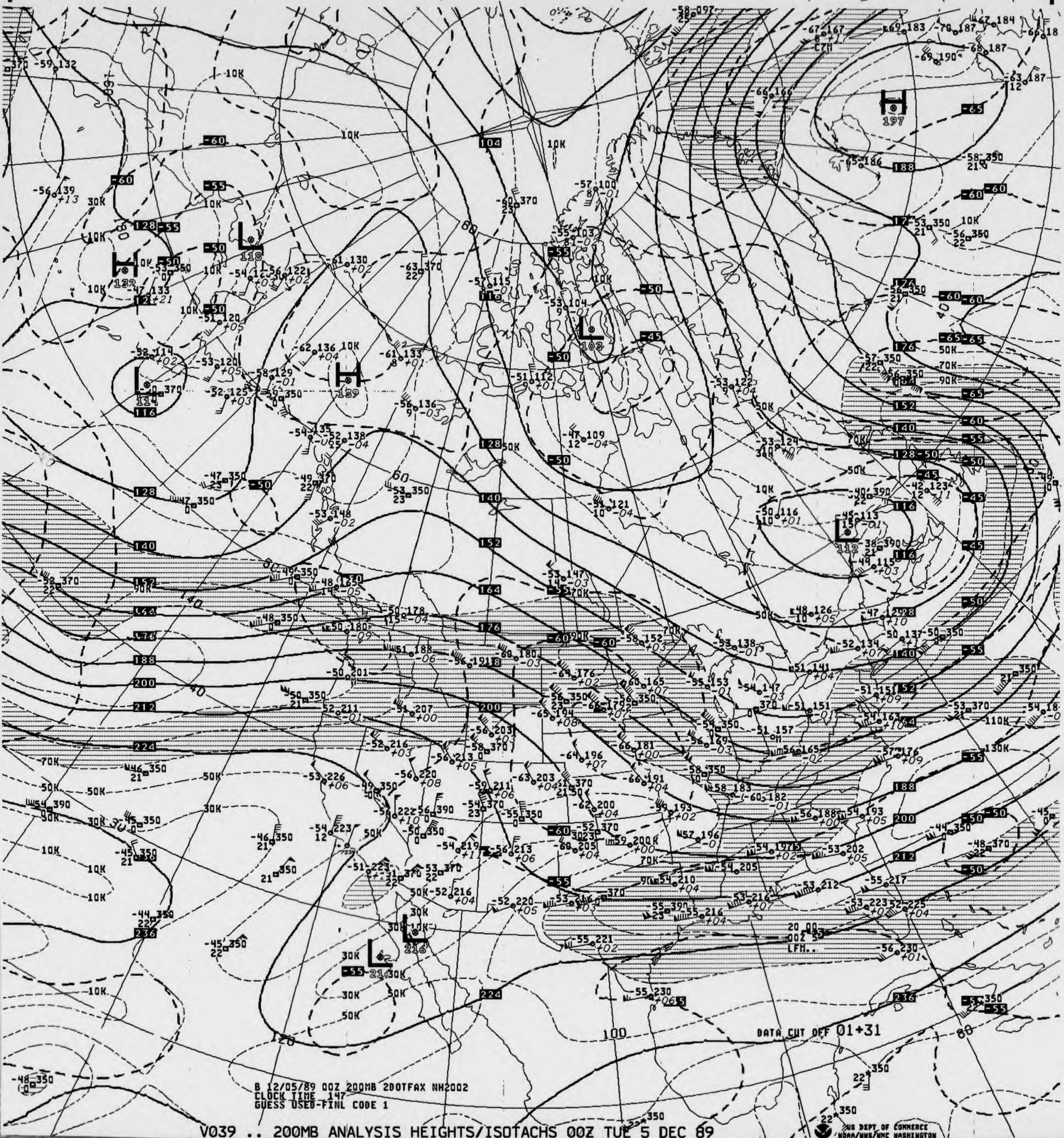
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 4 DEC 89

200MB

-53 224

ID 72391
LAT/LONG 34N119W


H 197
H 132
H 139
L 118
L 114
L 102
L 112
L 216
L 216
DATA CUT OFF 01+31
20 00
LFM..
100
80
120
60
40

B 12/05/89 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1

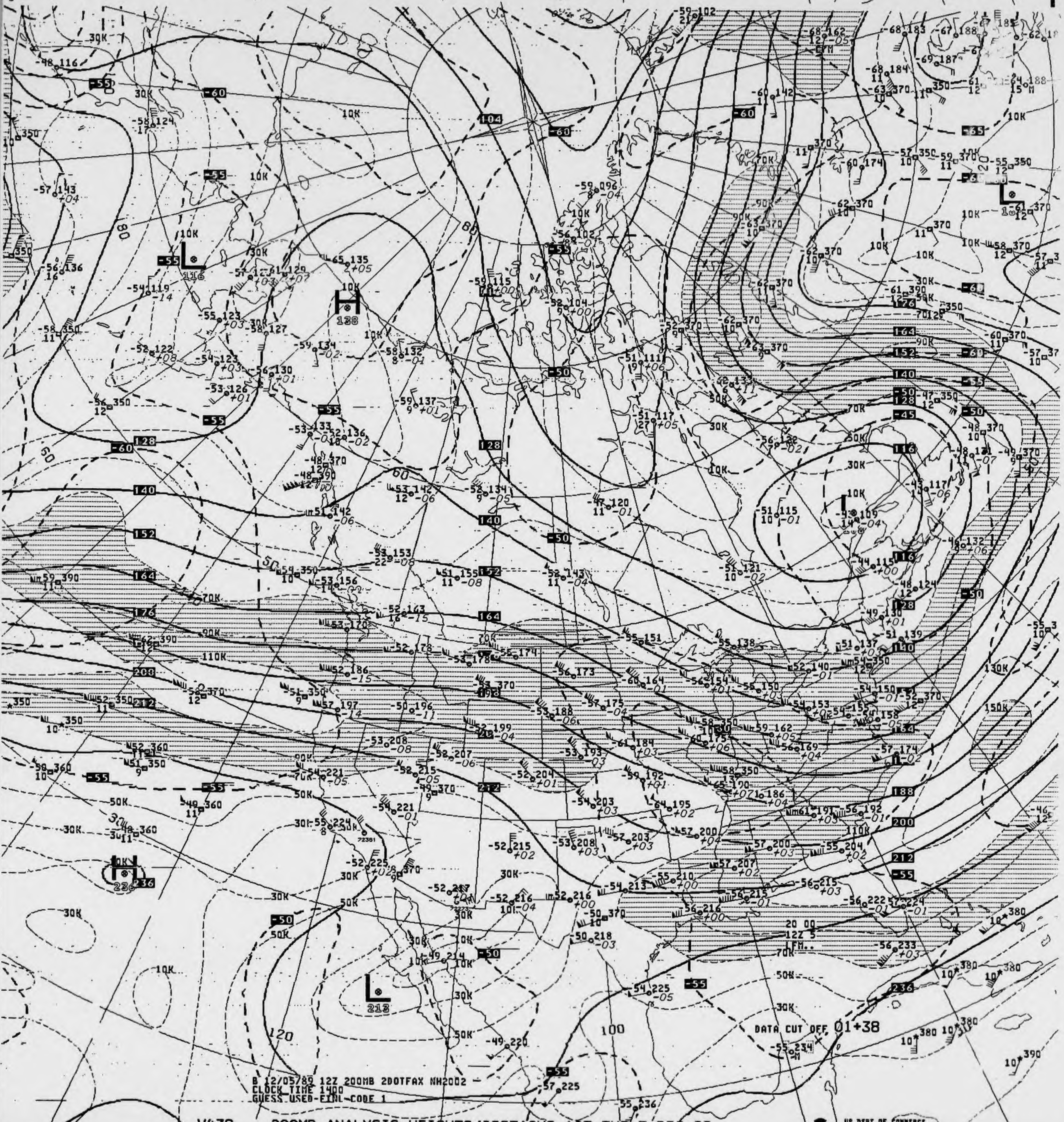
V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

200MB

-51 216 -55 219
27

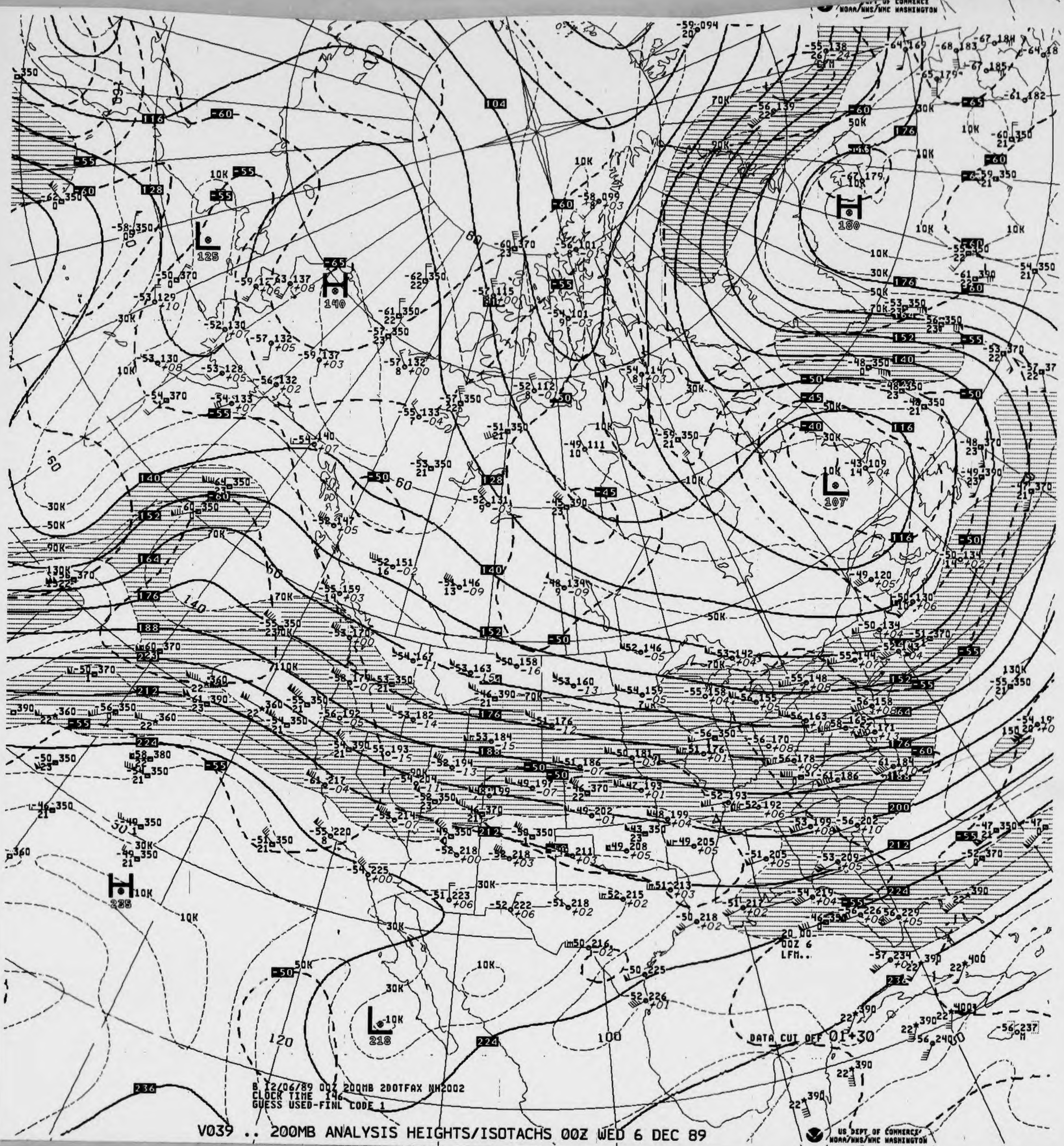
ID 72273 72381
LAT/LONG... 31N110W 34N116W



30K
10K
50K
70K
90K
110K
130K
150K
L
116
H
128
L
H
236
L
213
104
128
140
152
164
176
188
200
212
236
-45
-50
-55
-60
-65
80
60
50
120
100
DATA CUT OFF 01+38
20 00
12Z 5
LFM..
B 12/05/89 12Z 200MB 200TFAX NH2002
CLOCK TIME 1400
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H
180
H
140
L
125
L
107
H
235
L
218
10K
30K
50K
70K
90K
DATA CUT OFF 01+30
20 00
00Z 6
LFM..

B 12/06/89 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 146
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 6 DEC 89

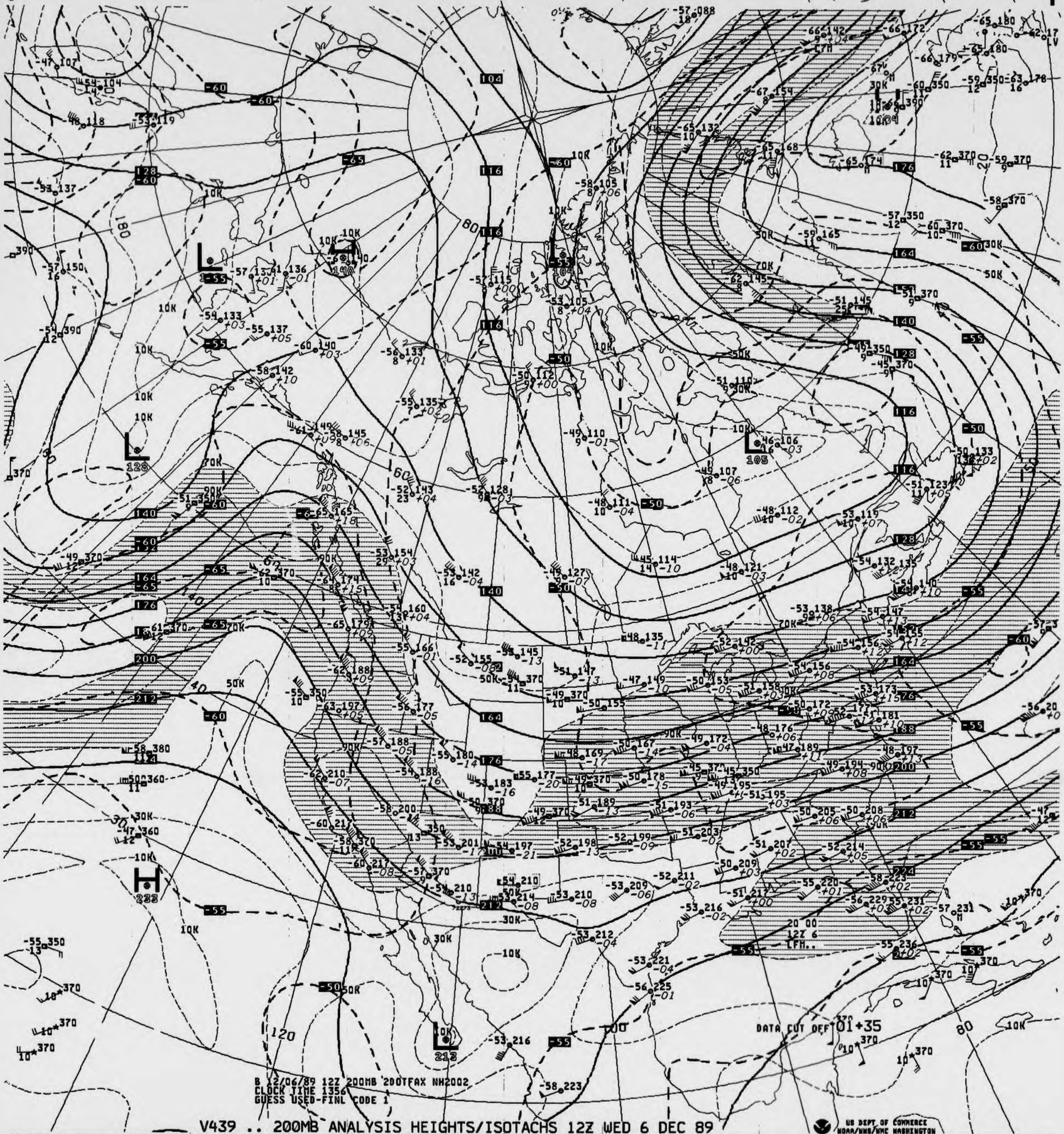
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

200MB

-53 213
21

ID
LAT/LONG

72273
31N110W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CLOCK TIME 1356
GUESS USED-FINL CODE 1
DATA CUT OFF 01+35
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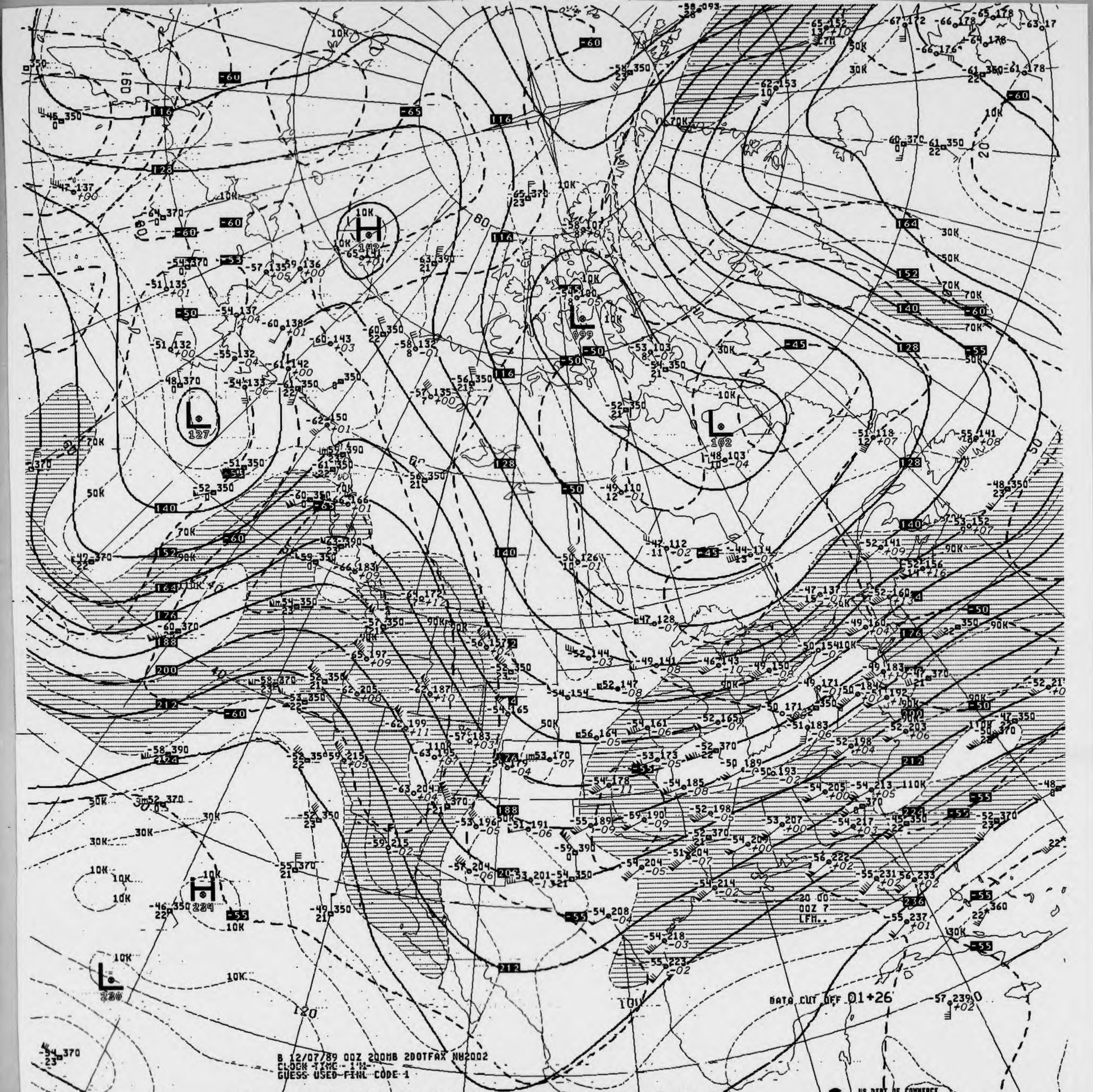
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 6 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 1H
GUESS USED FINL CODE 1
DATA CUT OFF 01+26
20 00
00Z 7
LFM..
H
102
L
099
L
102
L
127
H
224
L
220
116
128
140
152
164
176
188
200
212
224
236
-45
-50
-55
-60
-65
10K
30K
50K
70K
90K
110K
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

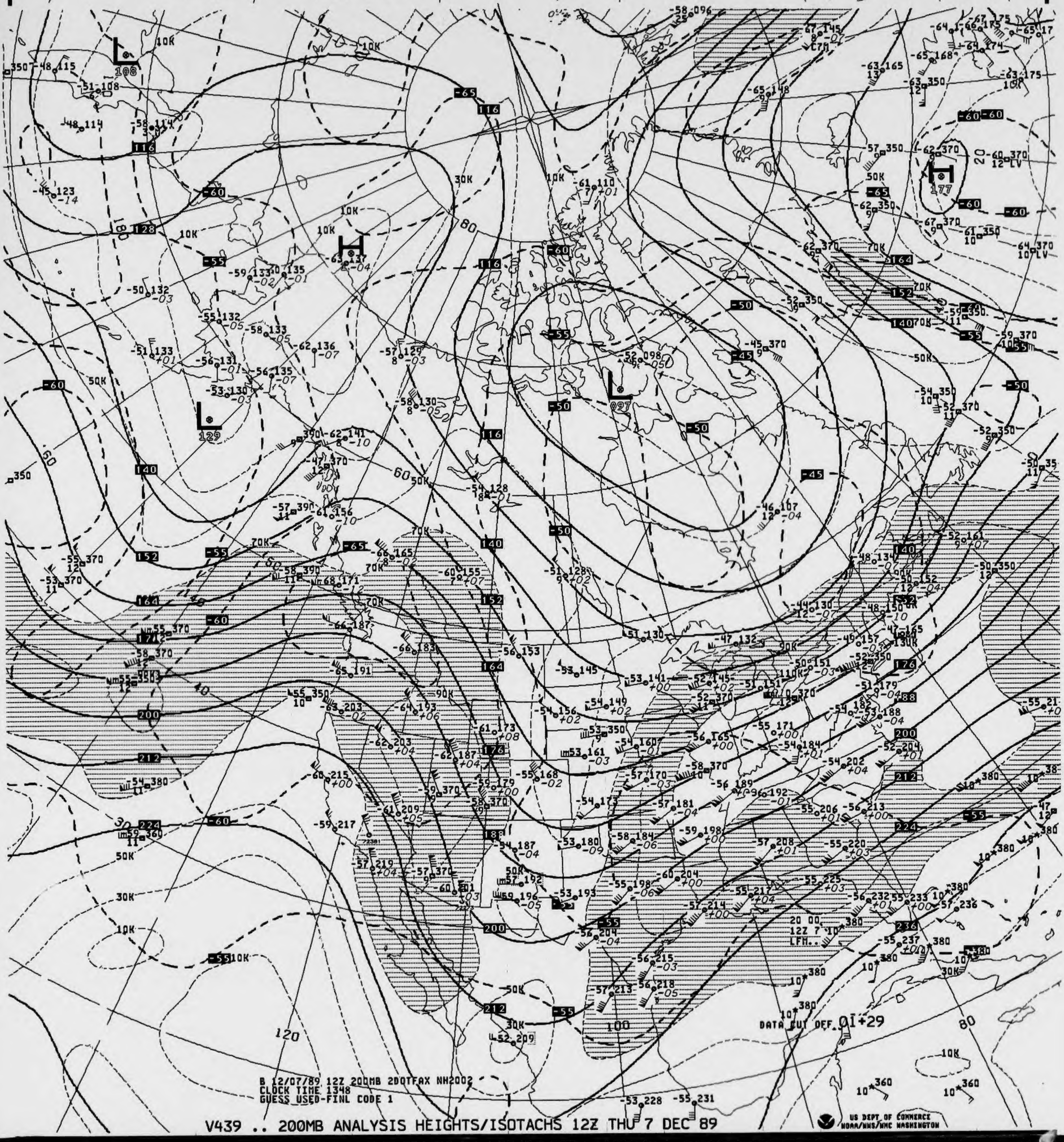
V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 7 DEC 89

200MB

-57 201 -58 217
18

ID
LAT/LONG

72273 72381
31N110W 34N116W



L 108
H 177
H -63 137
L 129
L 097
116
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140
152
164
176
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-50
-45
10K
30K
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70K
90K
110K
130K
20
40
60
80
100
120
20 00
12Z 7
LFH..
DATA CUT OFF 01+29

B 12/07/89 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1348
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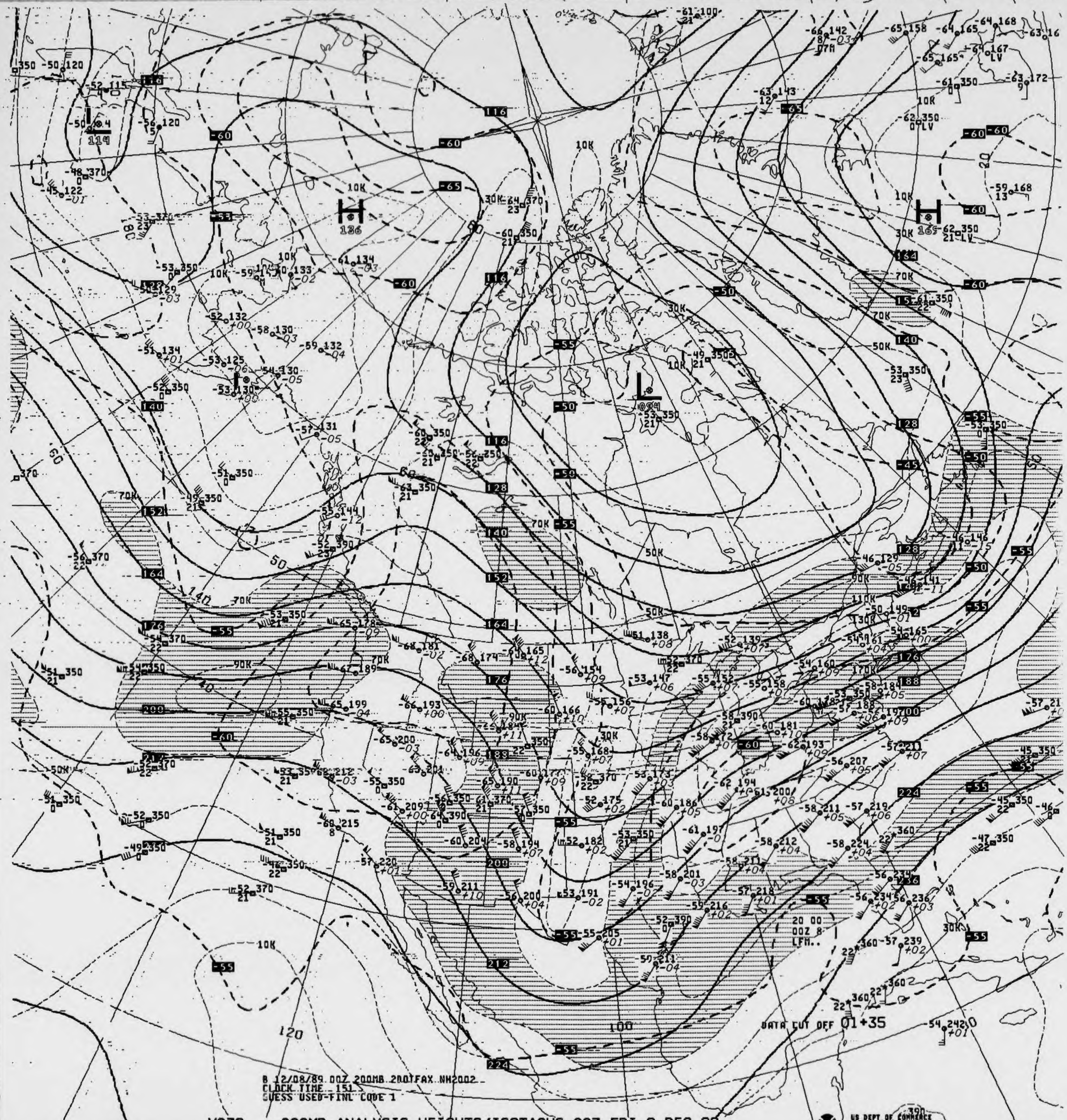
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 7 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+35
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00Z 8
LFM..
H
L
10K
30K
50K
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90K
110K
130K
170K

8 12/08/89 00Z 200MB 200TFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1

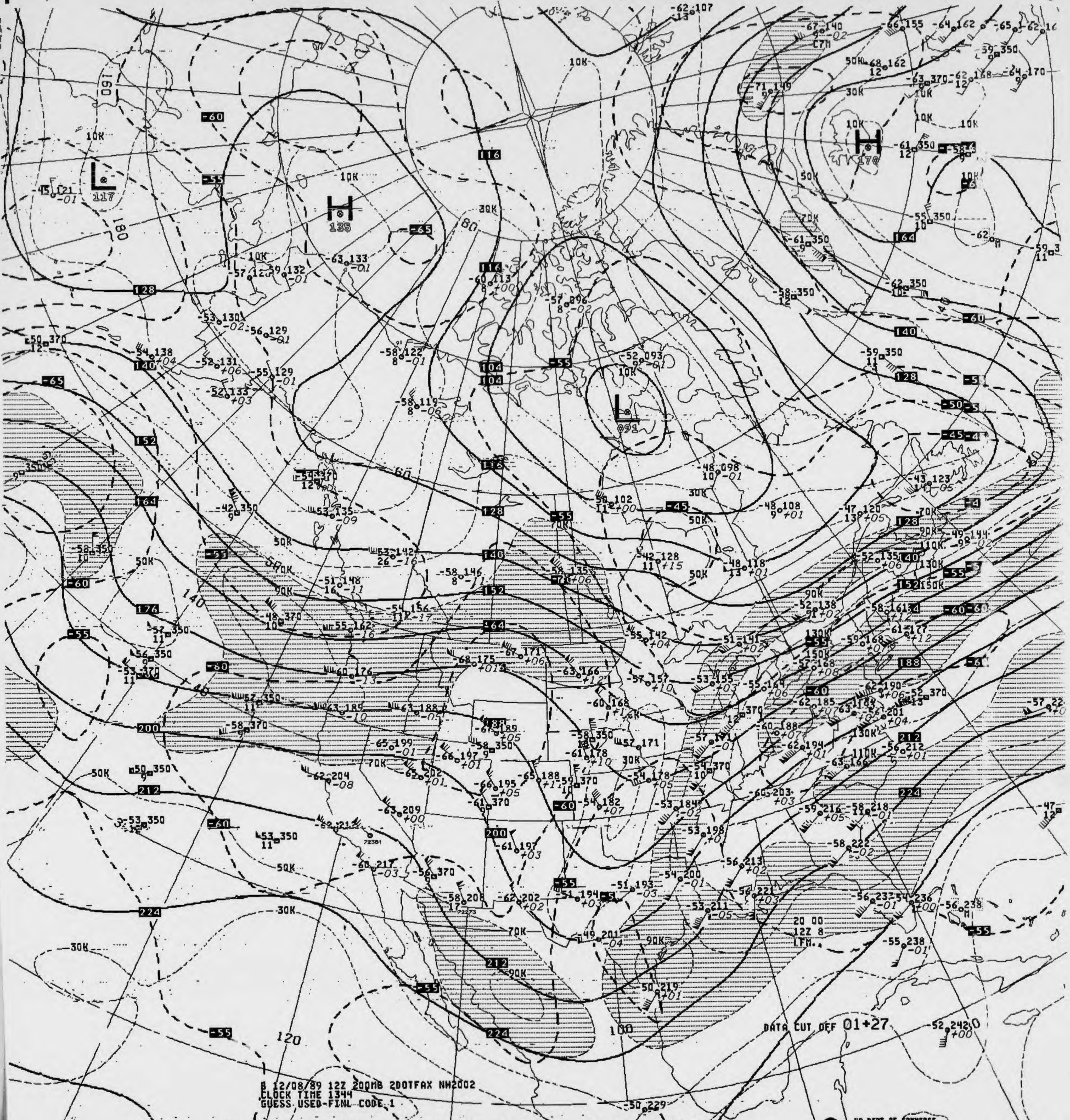
V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

200MB

-59 216

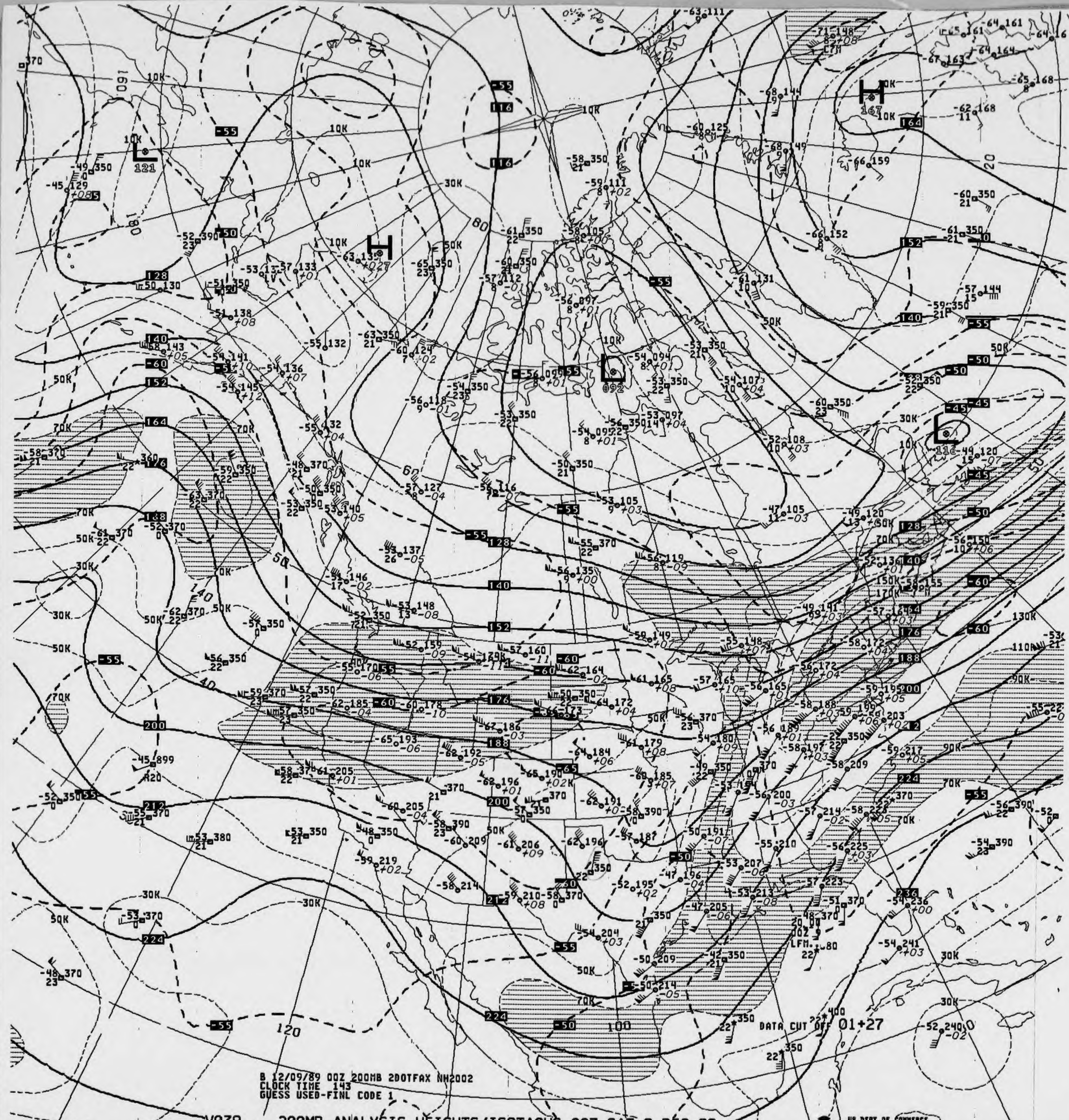
ID 72381
LAT/LONG 34N116W



B 12/08/89 12Z 200MB 200TFAX NH2002
CLOCK TIME 1344
GUESS USED-FINL CODE 1
DATA CUT OFF 01+27
20 00
12Z 8
LFM.
H
135
H
170
L
117
L
091

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+27
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CLOCK TIME 143
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H
L
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152
164
176
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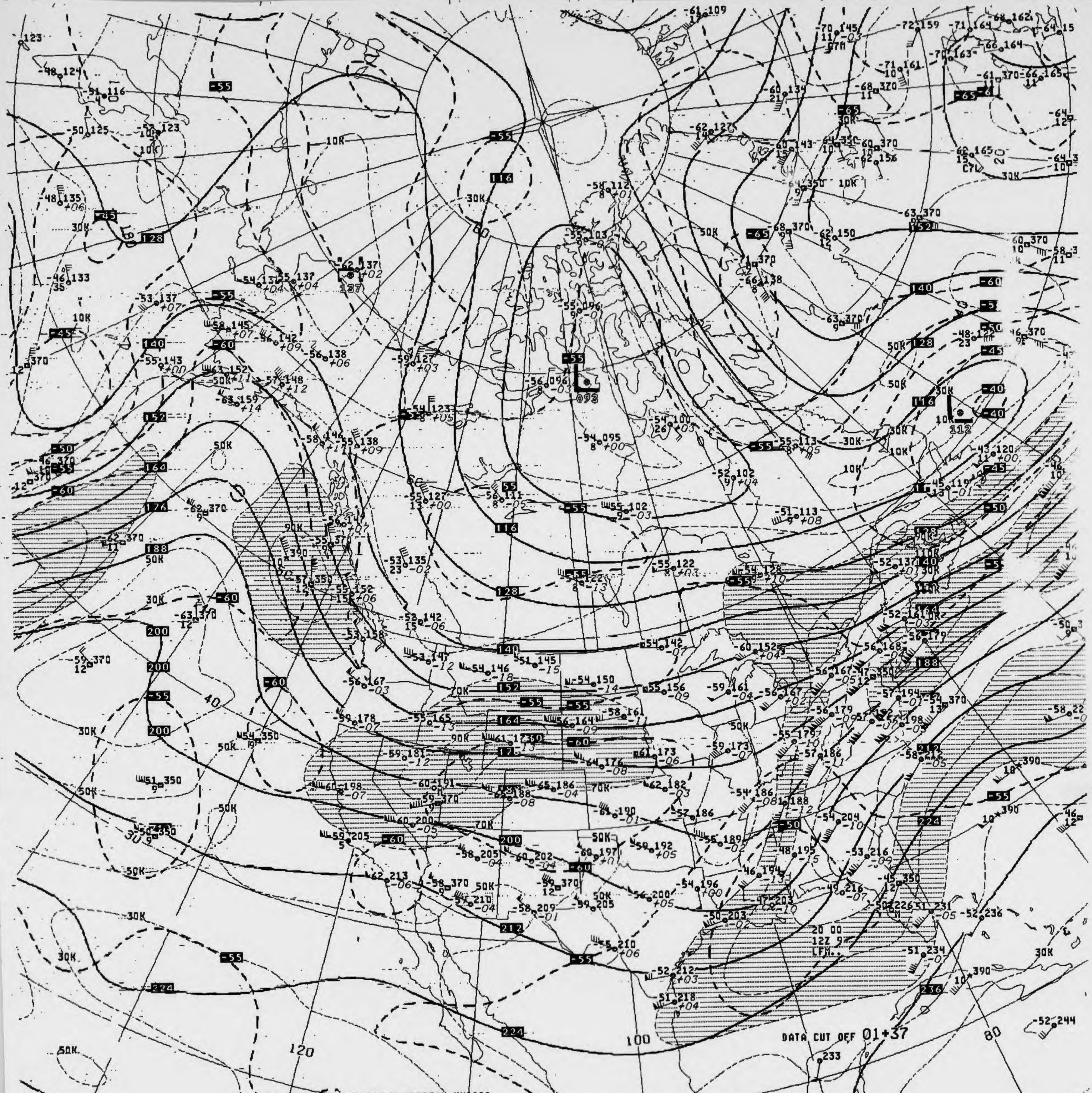
236

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 9 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+37
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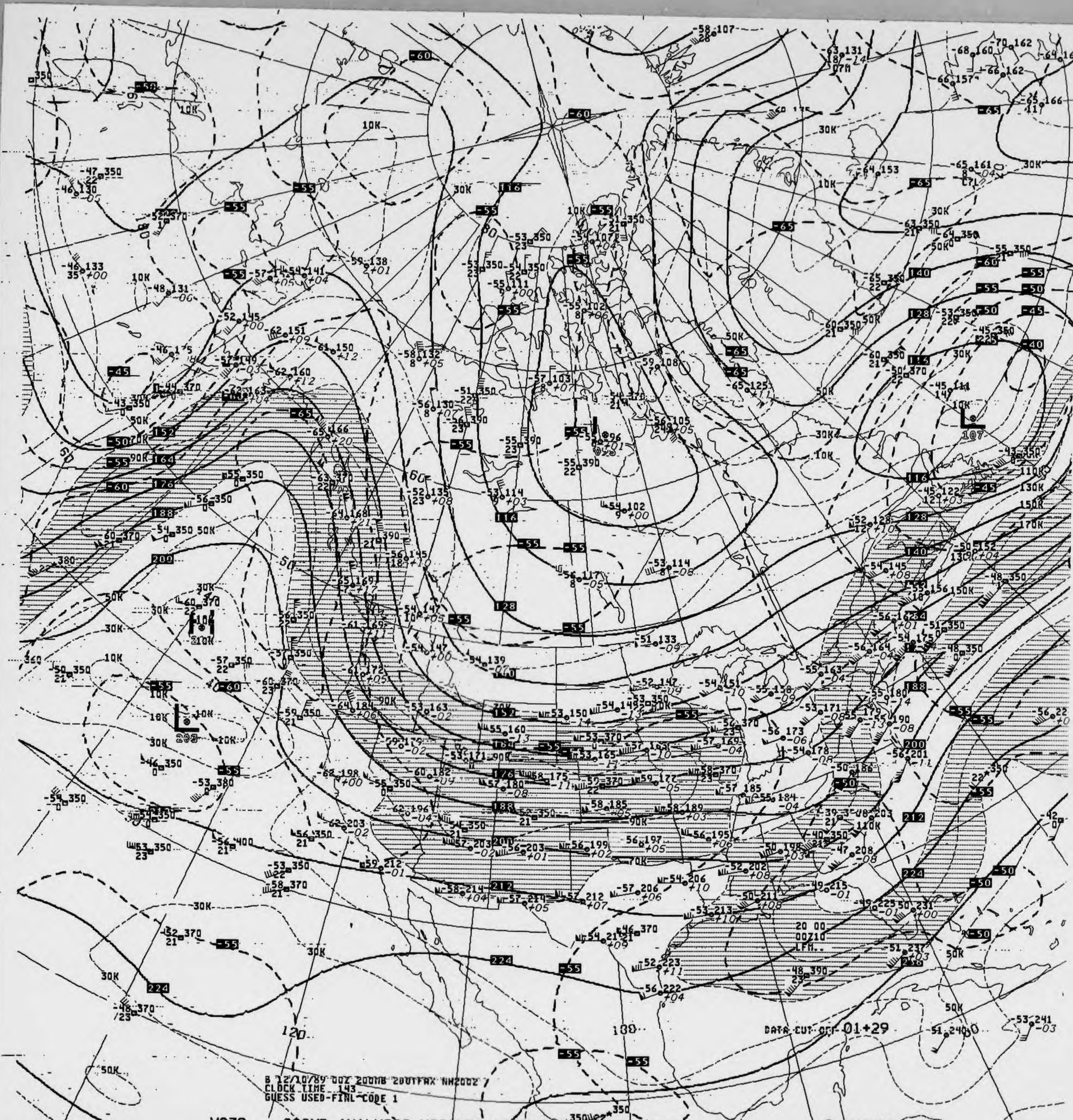
12Z 9
LFM..
120
100
80

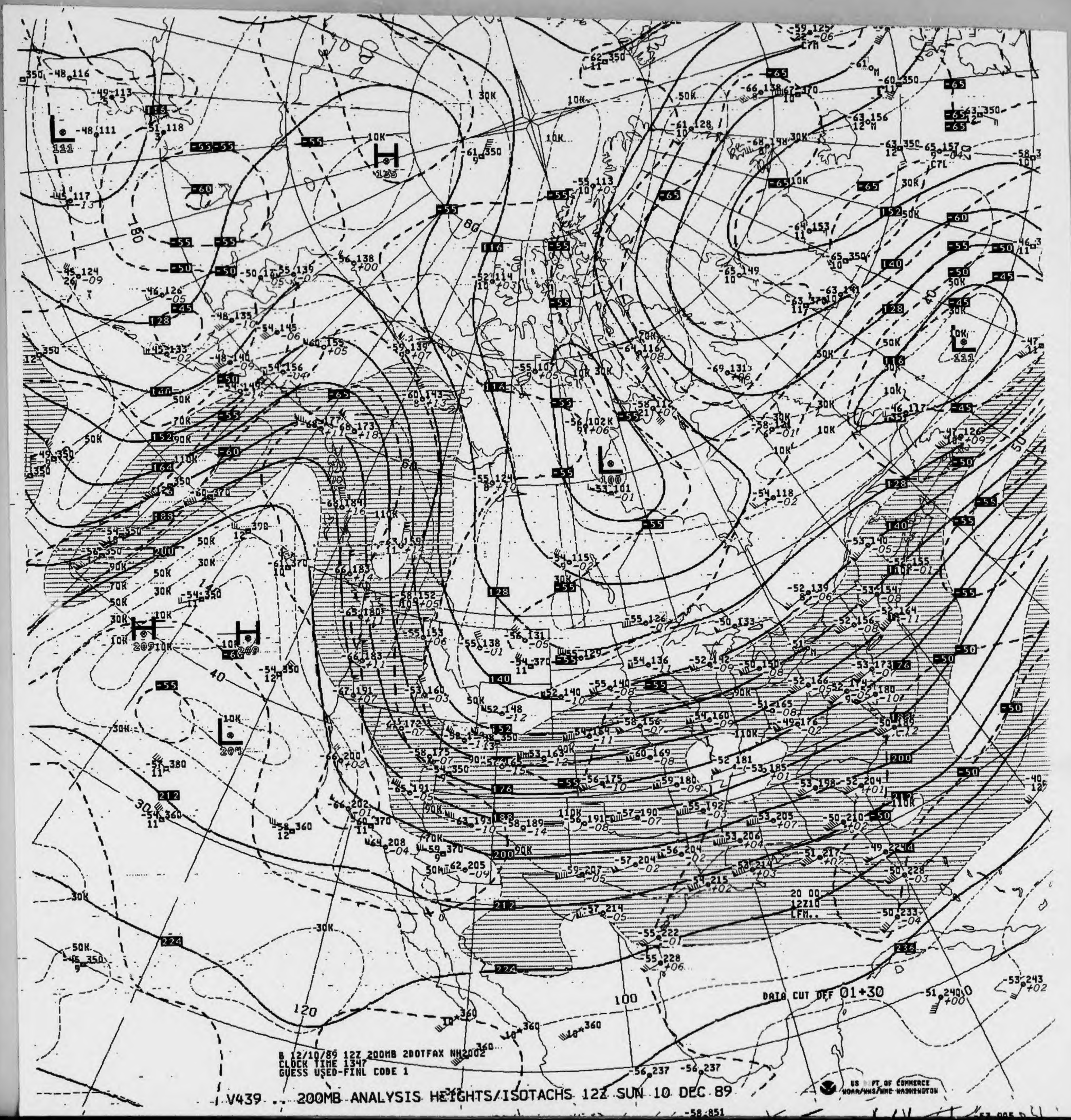
B 12/09/89 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1356
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 9 DEC 89

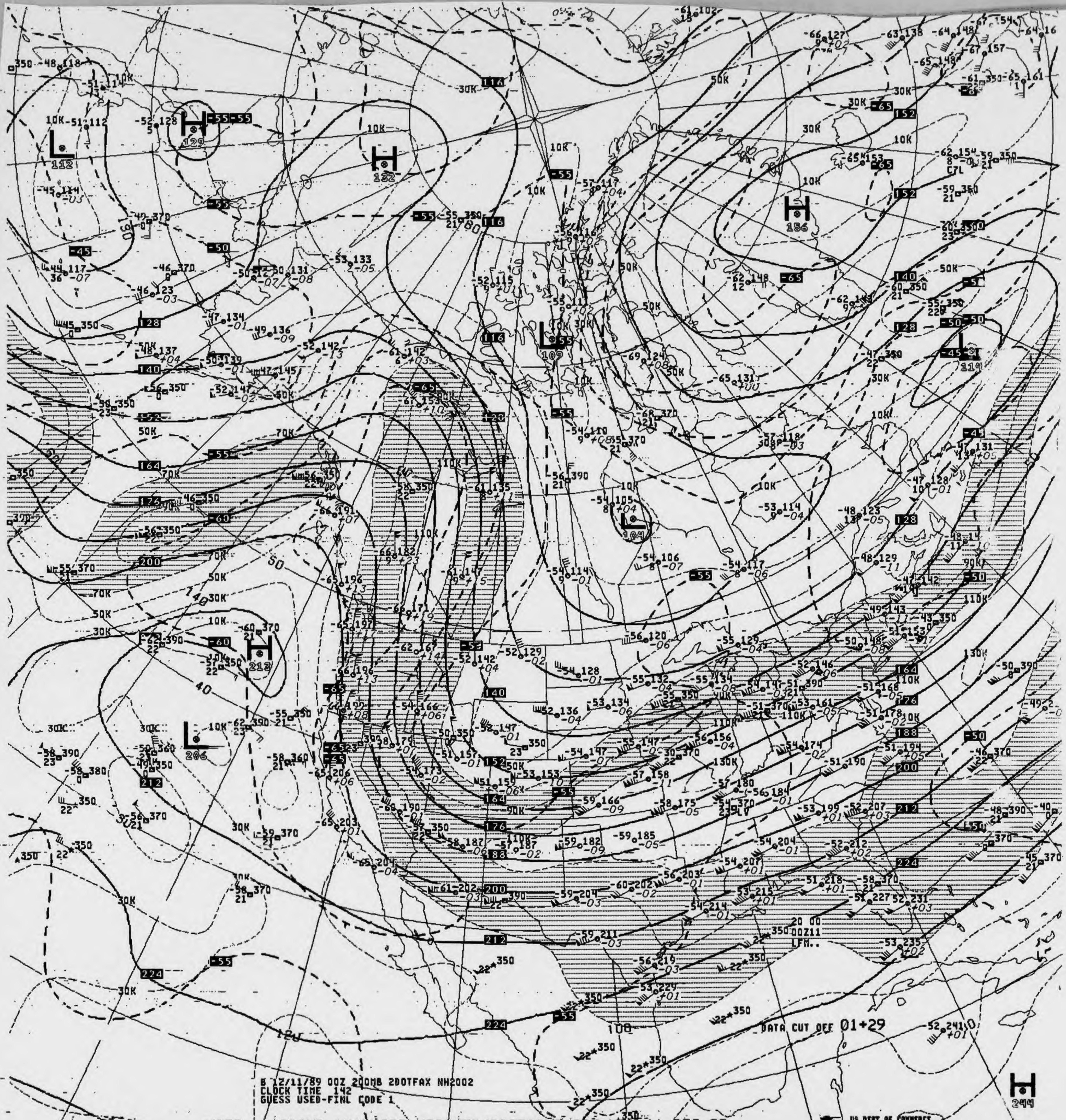
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+29
B 12/10/89 00Z 200MB 200TFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 10 DEC 89


B 12/10/89 12Z 200MB 200TFAX NH2002
CLOCK TIME 1347
GUESS USED-FINL CODE 1
DATA CUT OFF 01+30
20 00
12Z10
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V439 ... 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 10 DEC 89

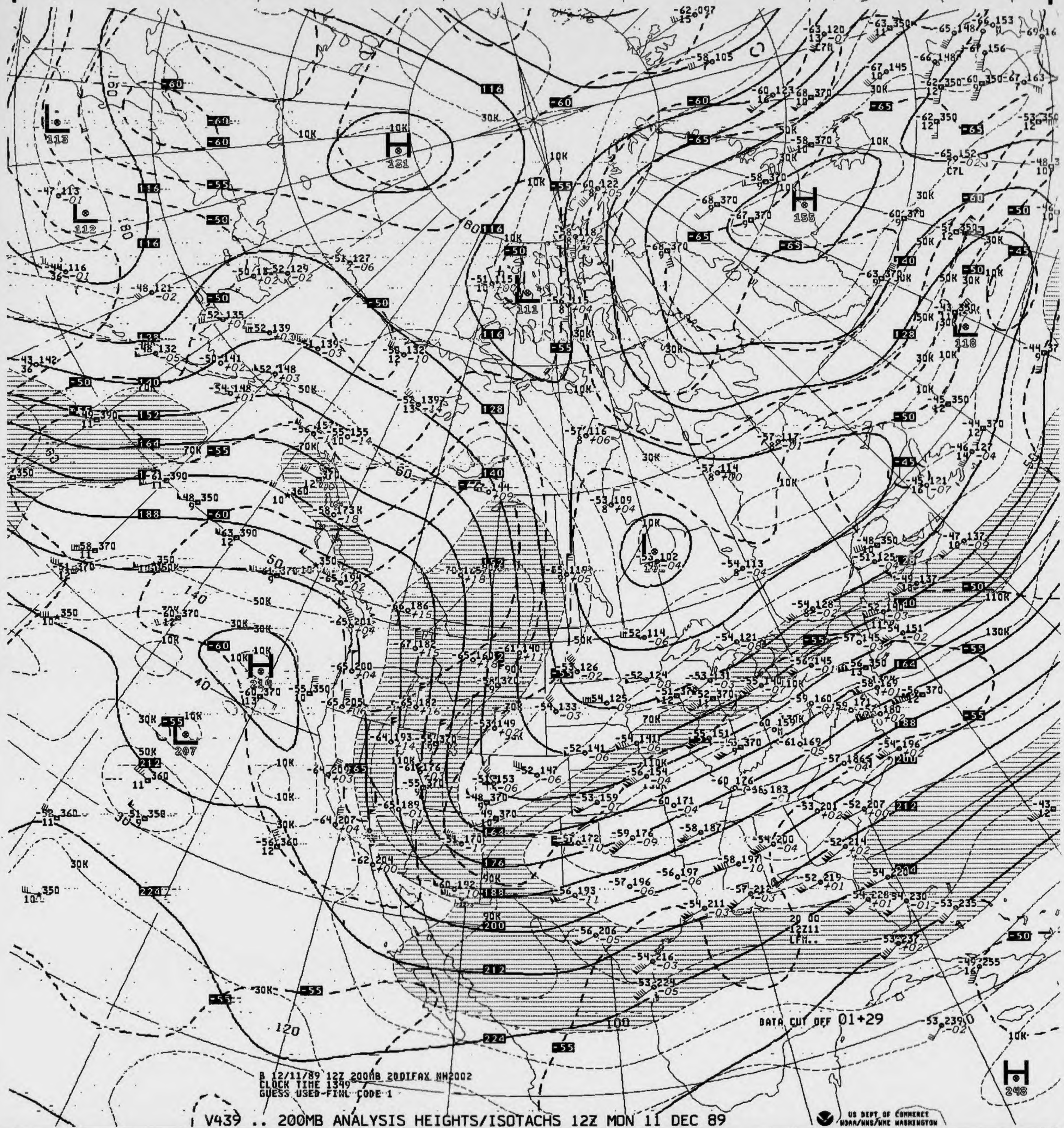

B 12/11/89 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29
20 00
00Z11
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 ... 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 11 DEC 89

200MB

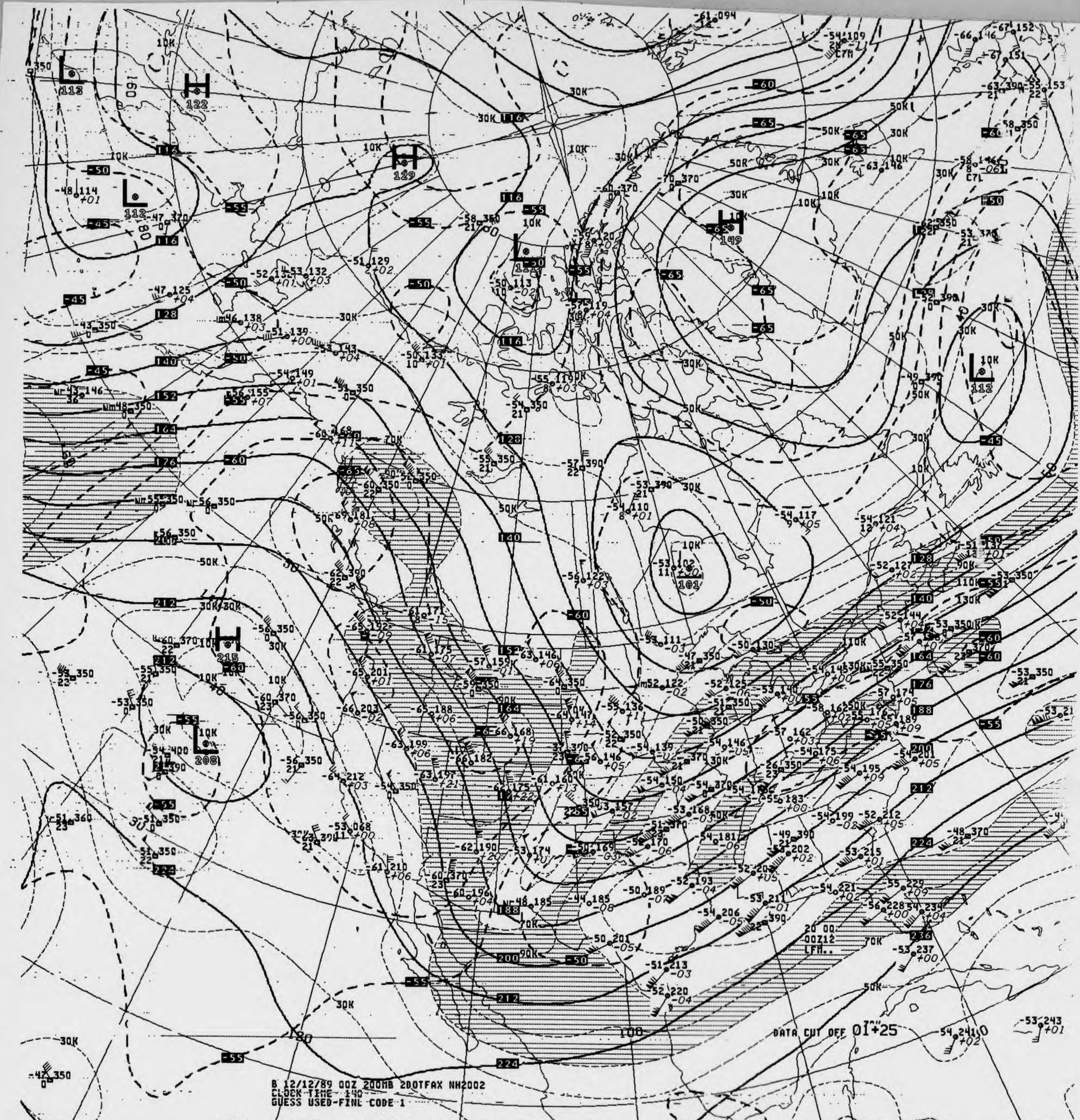
-58 192 -65 203
21

ID 72273 72381
LAT/LONG 31N110W 34N116W


H 131
H 155
H 214
H 248
L 113
L 112
L 111
L 118
L 207
L 102
116
128
140
152
164
176
188
200
212
224
-45
-50
-55
-60
-65
10K
30K
50K
70K
90K
110K
130K
B 12/11/89 12Z 200MB 200IFAX NH2002
CLOCK TIME 1349
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29
20 00
12Z11
LFM..

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/12/89 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 140
GUESS USED-FINL CODE 1

DATA CUT OFF 01+25

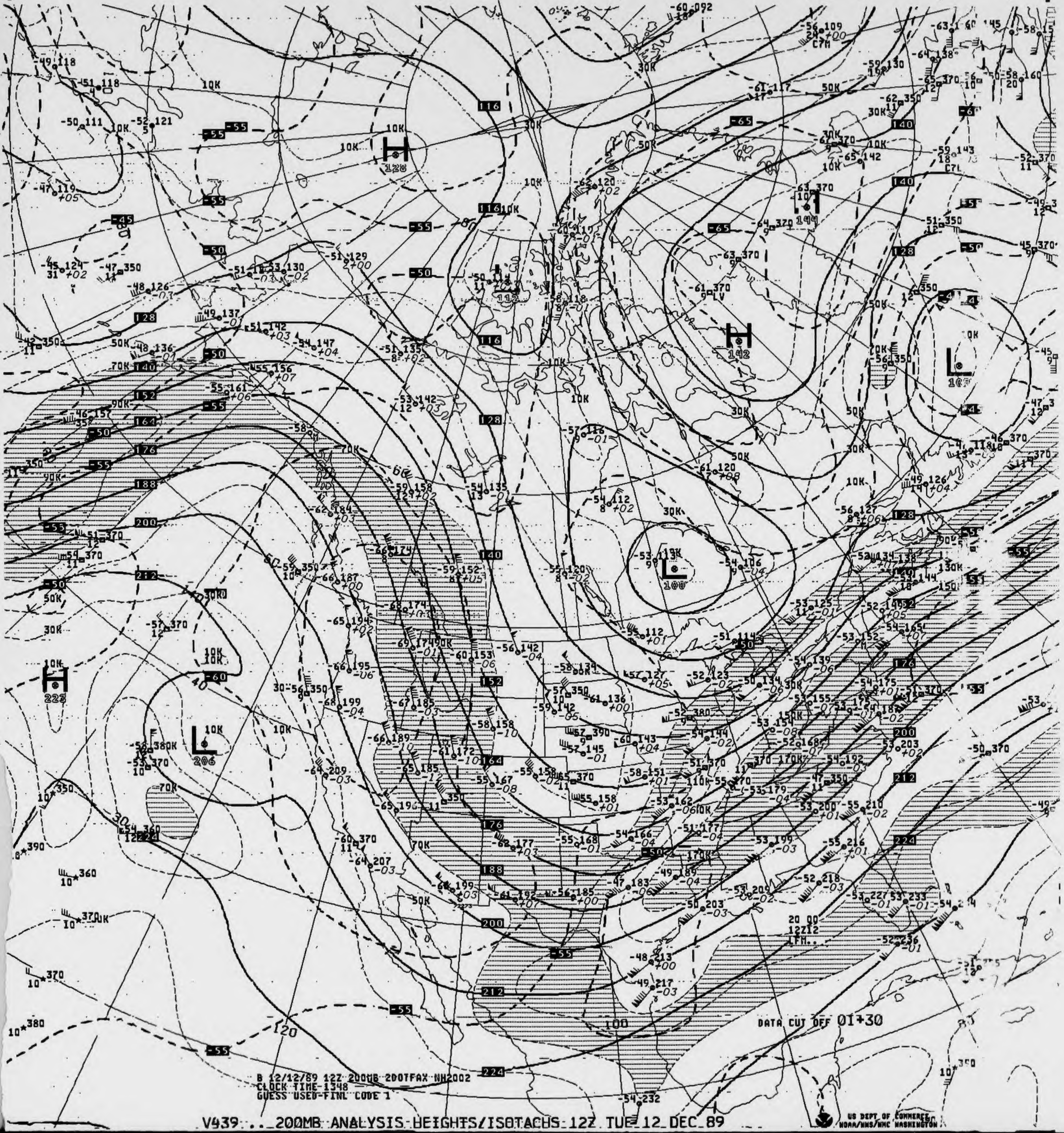
V039 ... 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 12 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

200MB

-63 199
19

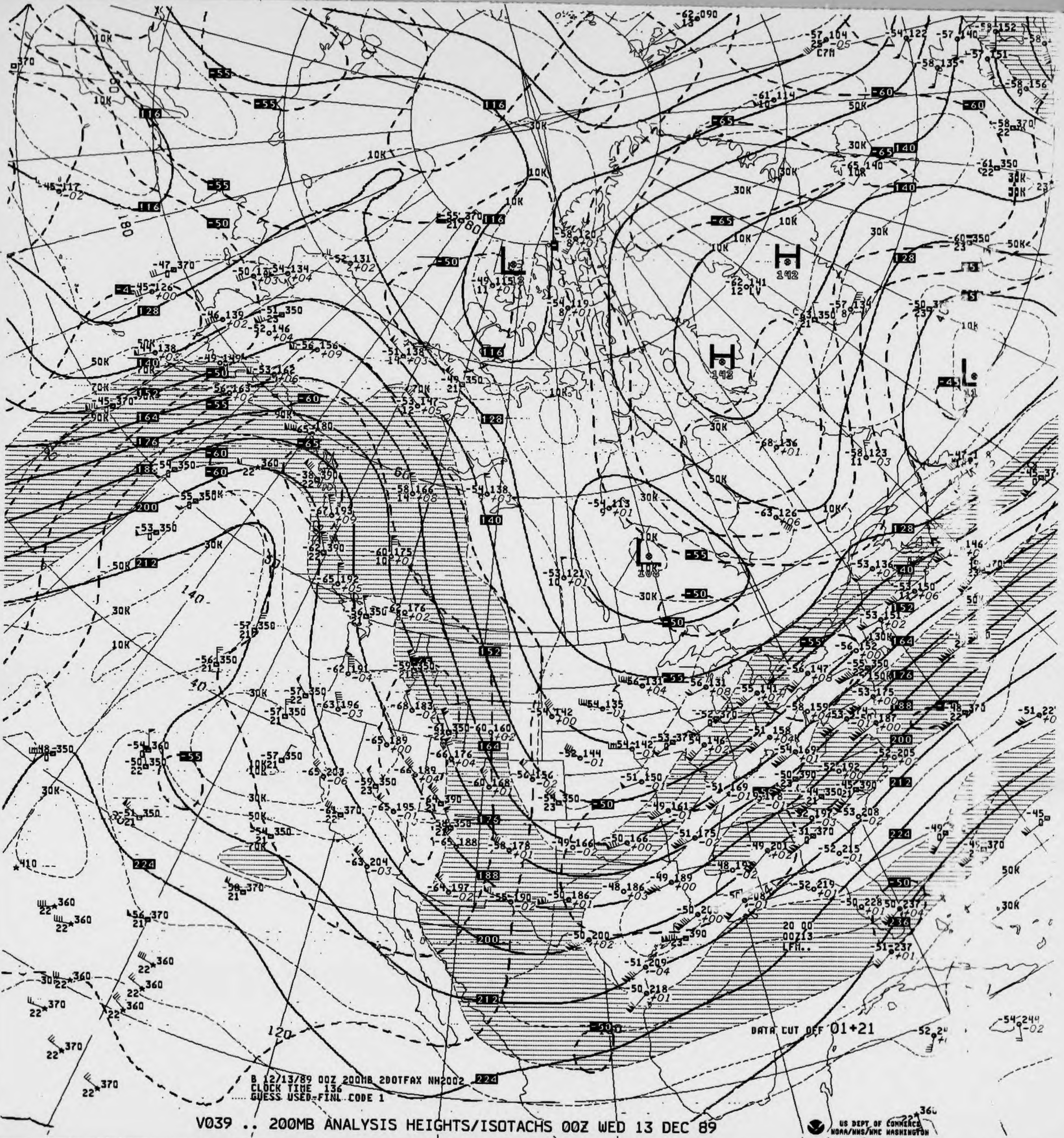
ID 72273
LAT/LONG 31N110W


H 128
H 142
H 144
H 222
L 112
L 100
L 206
L 107
116
128
140
152
164
176
188
200
212
224
-45
-50
-55
-60
-65
10K
30K
50K
70K
90K
DATA CUT OFF 01+30
20 00
12Z12
LFM

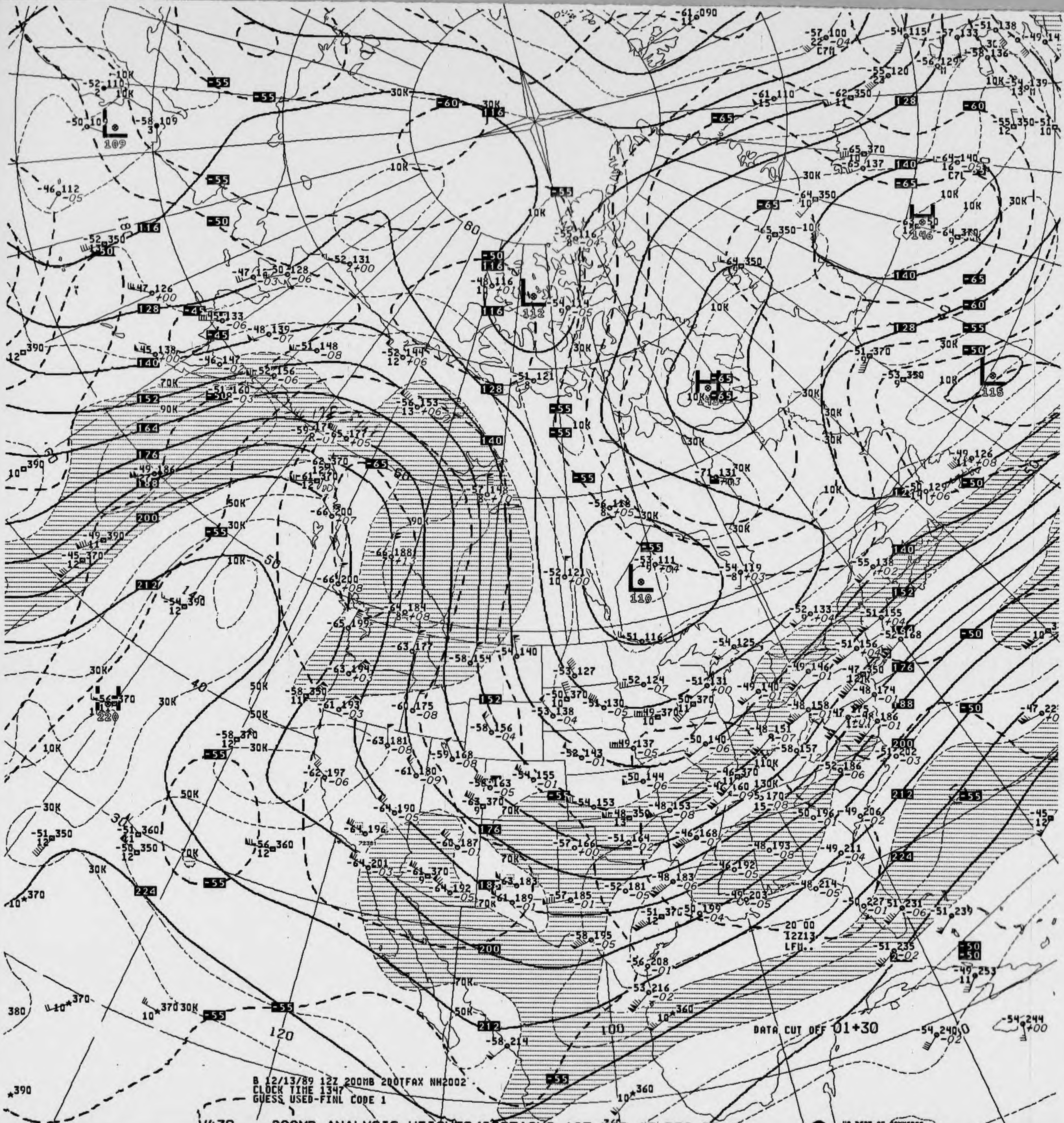
B 12/12/89 12Z 200MB 2DOTFAX NH2002
CLOCK TIME-1348
GUESS USED-FINL CODE 1

V439 ... 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 12 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/13/89 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 136
GUESS USED-FINL CODE 1
DATA CUT OFF 01+21
20 00
00Z13
LFM..
H
142
L
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 13 DEC 89



B 12/13/89 12Z 200MB 200TFAX NH2002
CLOCK TIME 1347
GUESS USED-FINL CODE 1

DATA CUT OFF 01+30

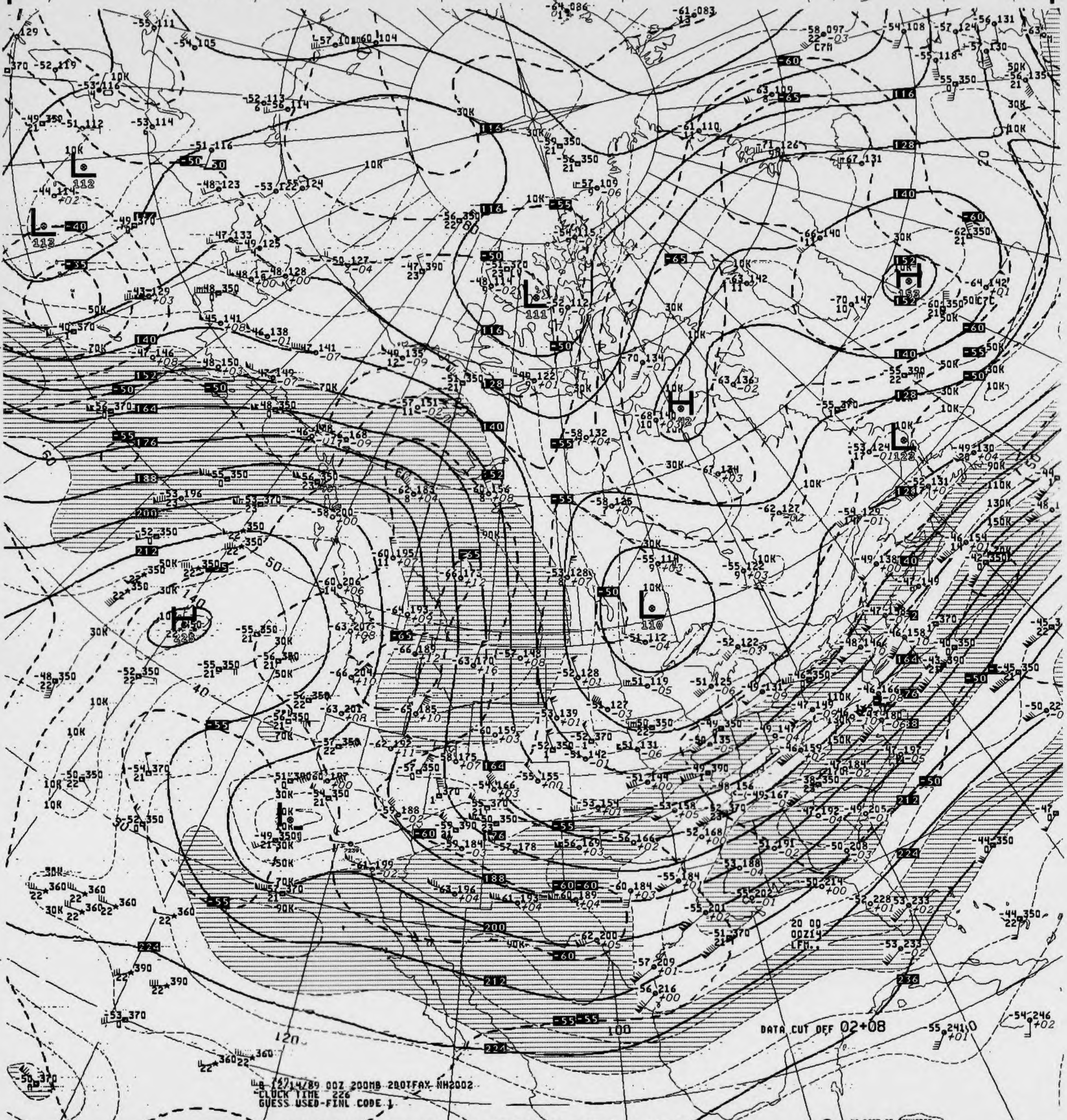
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 13 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

200MB

-61 197

ID 72391
LAT/LONG 34N119W



DATA CUT OFF 02+08
8 12/14/89 00Z 200MB 200TFAX NH2002
CLOCK TIME 226
GUESS USED-FINL CODE 1
20 00
00Z14
LFM..

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 14 DEC 89

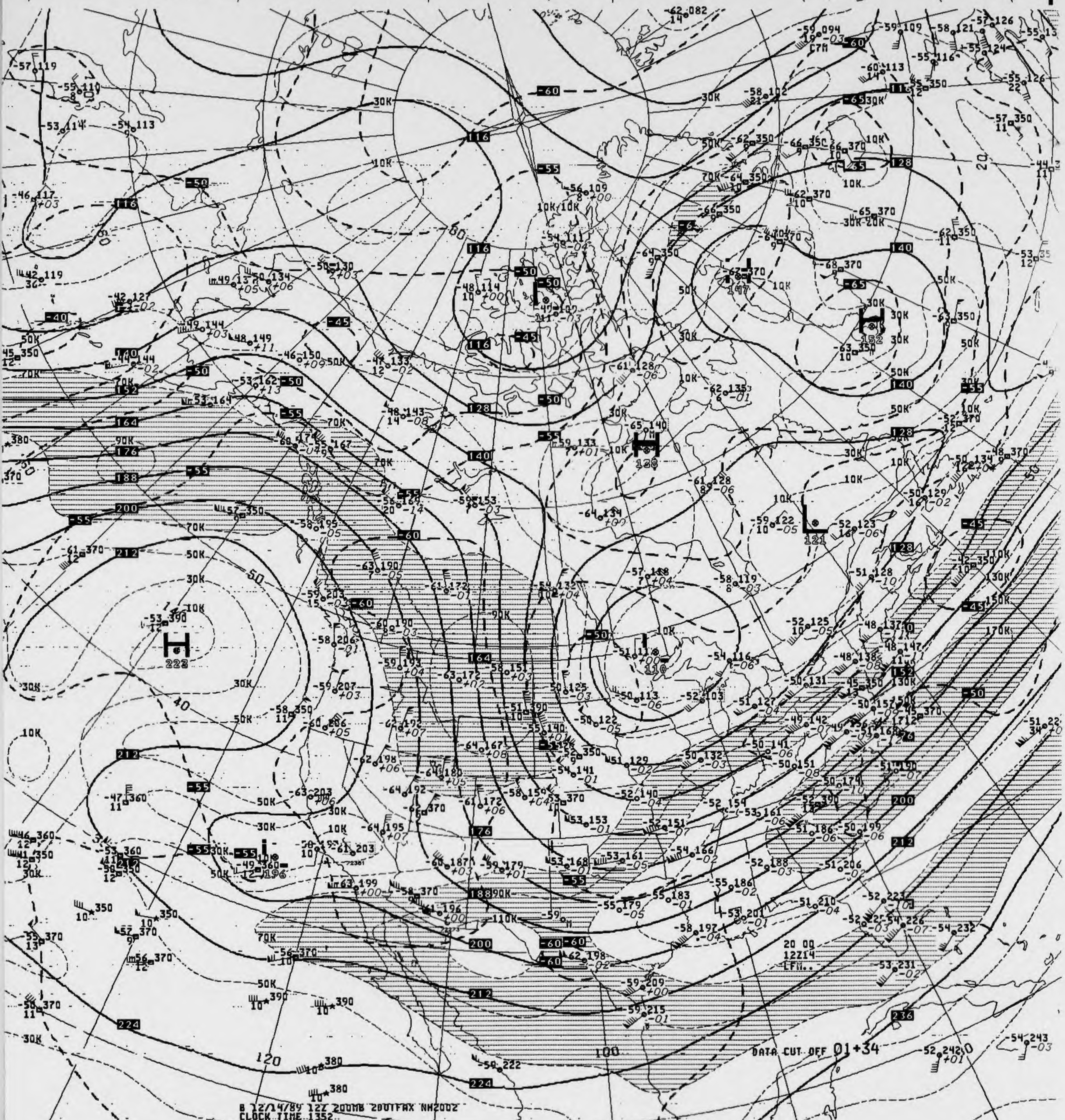
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

200MB

62 197
11

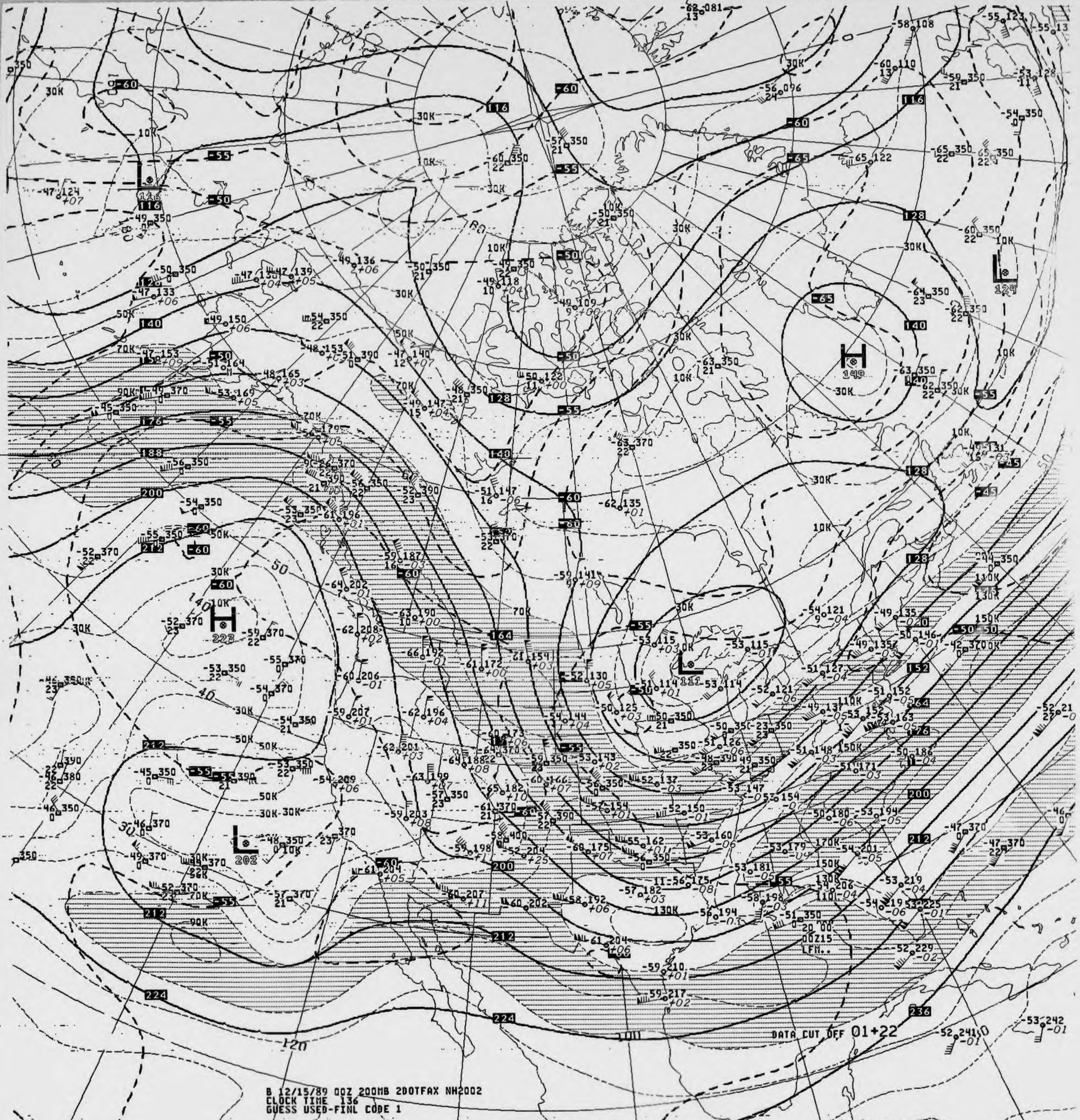
ID
LAT/LONG

72273
31N110W


B 12/14/89 12Z 200MB 20UTFAX NH2002
CLOCK TIME 1352
GUESS USED-FINL CODE 1
DATA CUT OFF 01+34
20 00
12Z14
LFM..

V439 ... 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 14 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
149
H
223
L
111
L
202
L
116
L
129
DATA CUT OFF 01+22

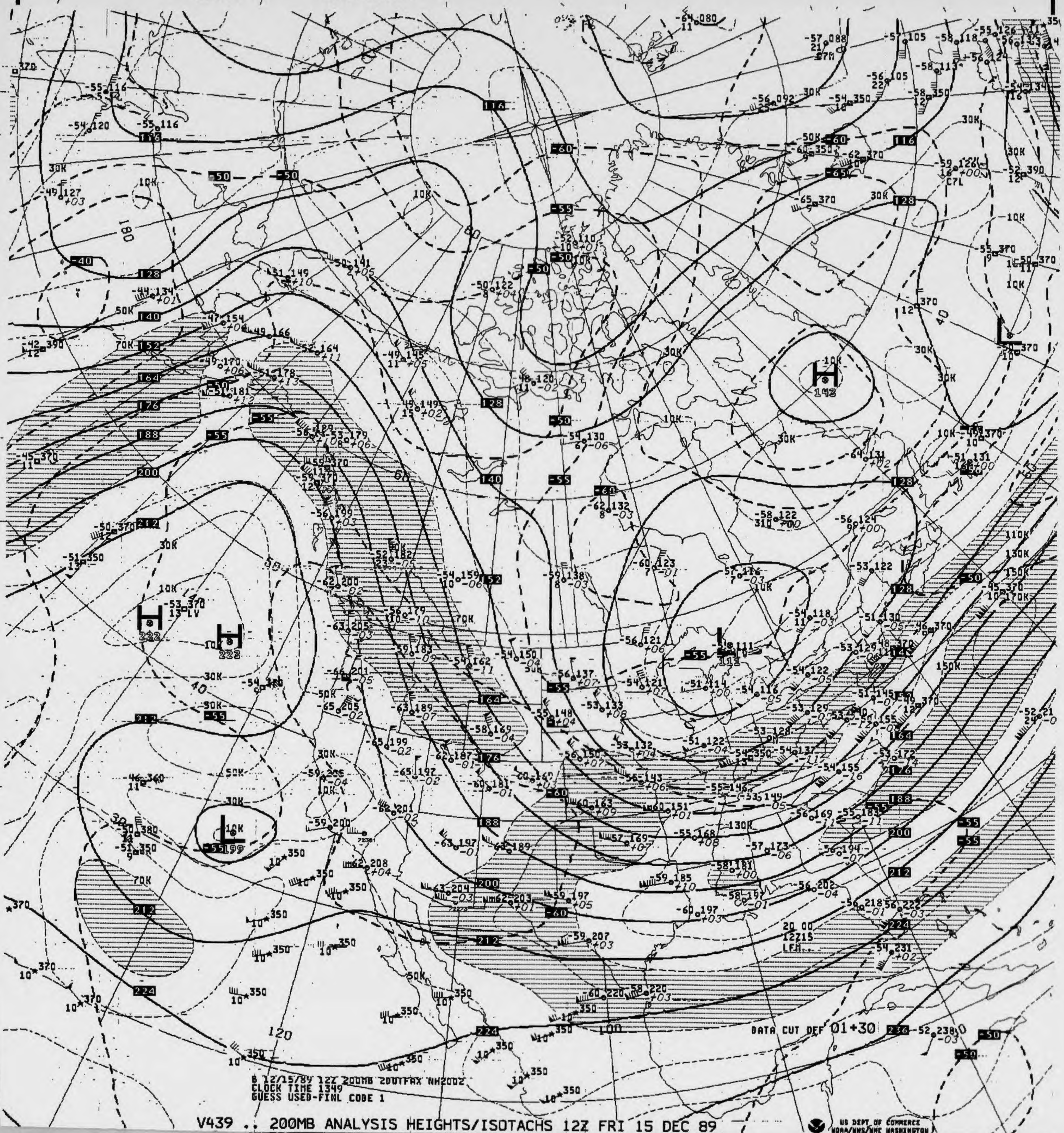
B 12/15/89 00Z 200MB 200TFAX NH2002
CLOCK TIME 136
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 15 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

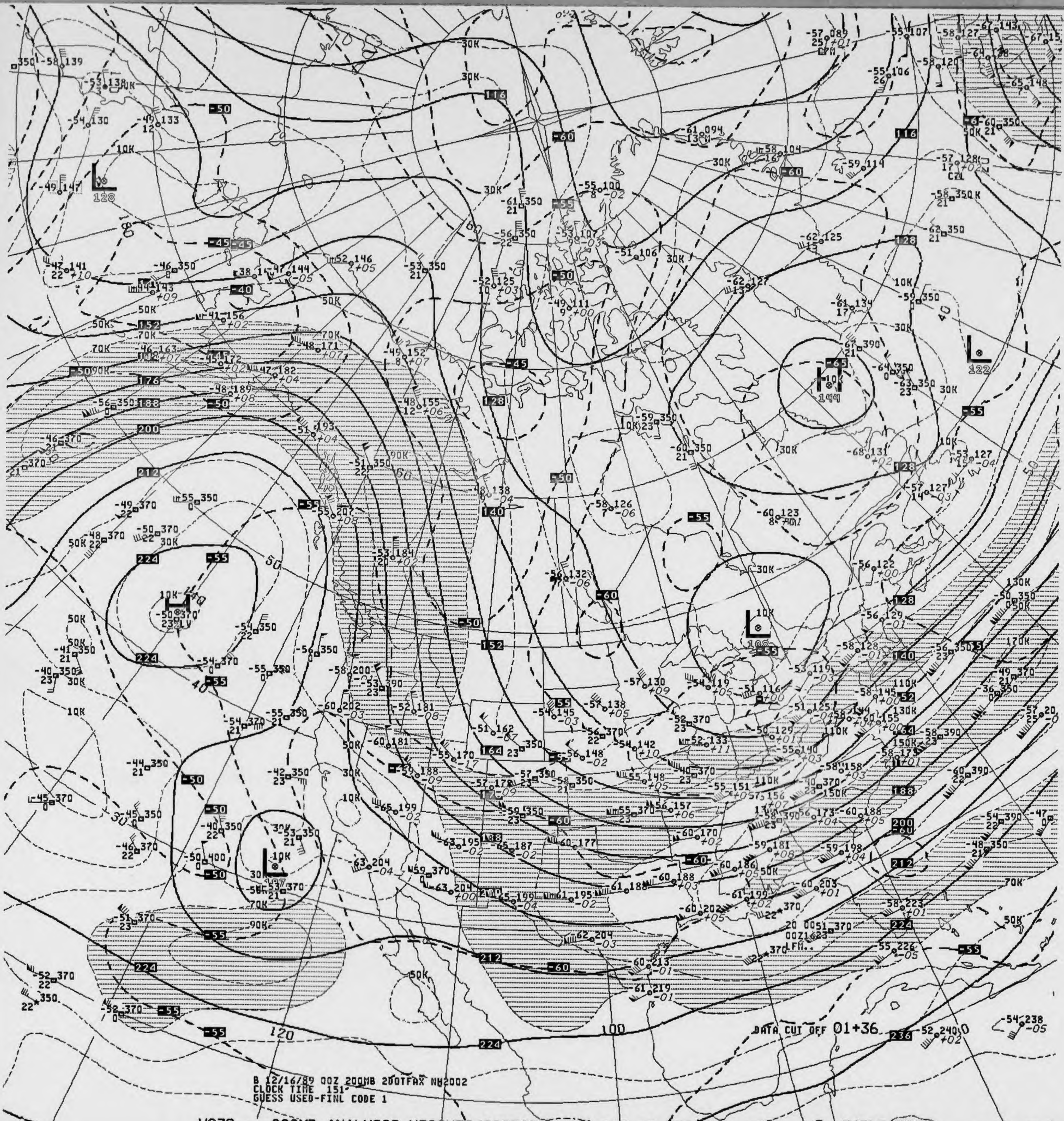
200MB

ID 72273 72381
LAT/LONG 31N110W 34N116W


DATA CUT OFF 01+30
B 12/15/89 12Z 200MB 200TFAX NH2002
CLOCK TIME 1349
GUESS USED-FINL CODE 1
20 00
12Z15
LFM
H 222
H 222
H 142
L 199
L 111

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 15 DEC 89

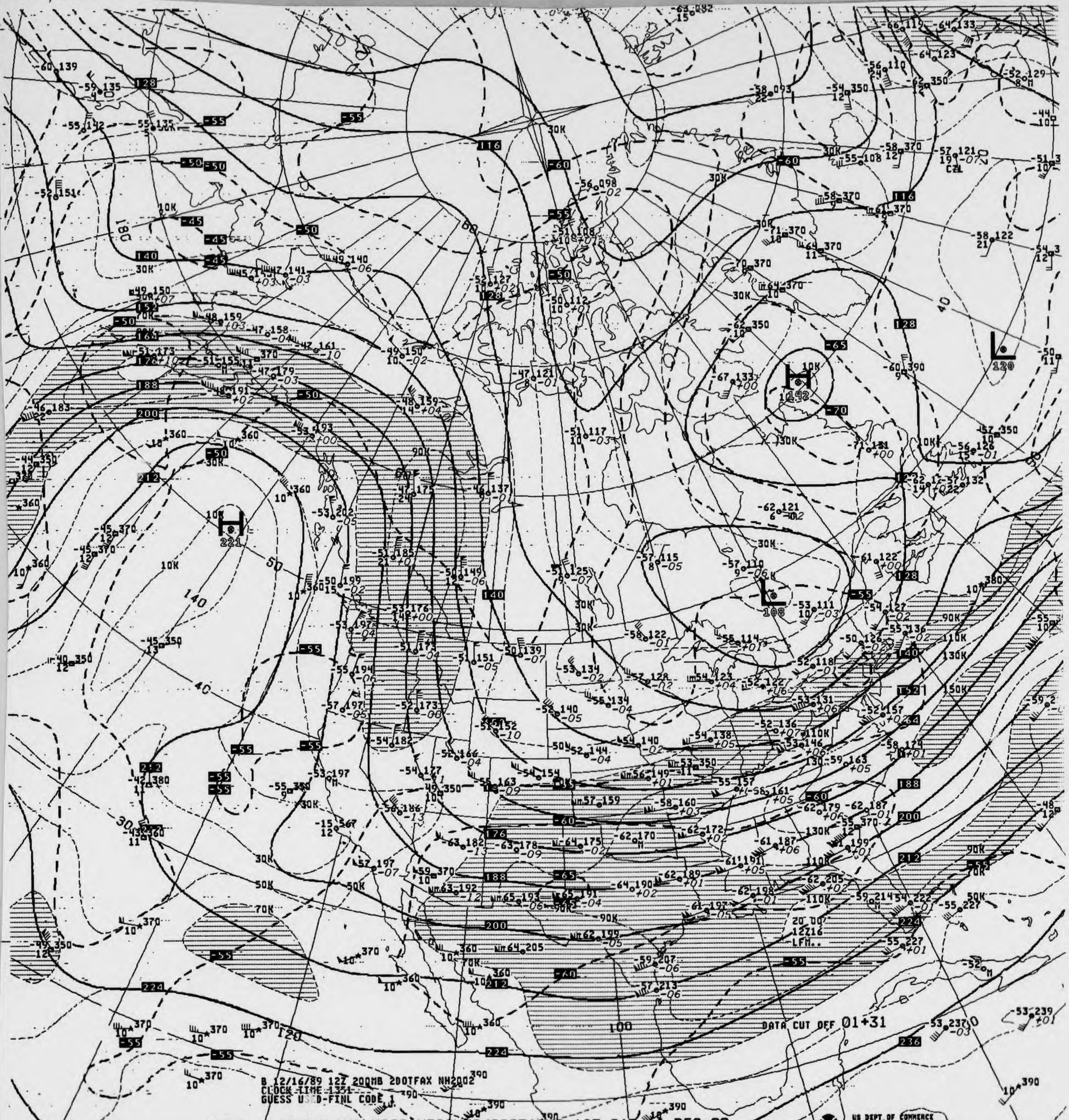
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


116
128
140
152
164
176
188
200
212
224
236
-40
-45
-50
-55
-60
-65
H
L
10K
30K
50K
70K
90K
110K
130K
150K
170K
100
120
DATA CUT OFF 01+36

B 12/16/89 00Z 200MB 200TFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1

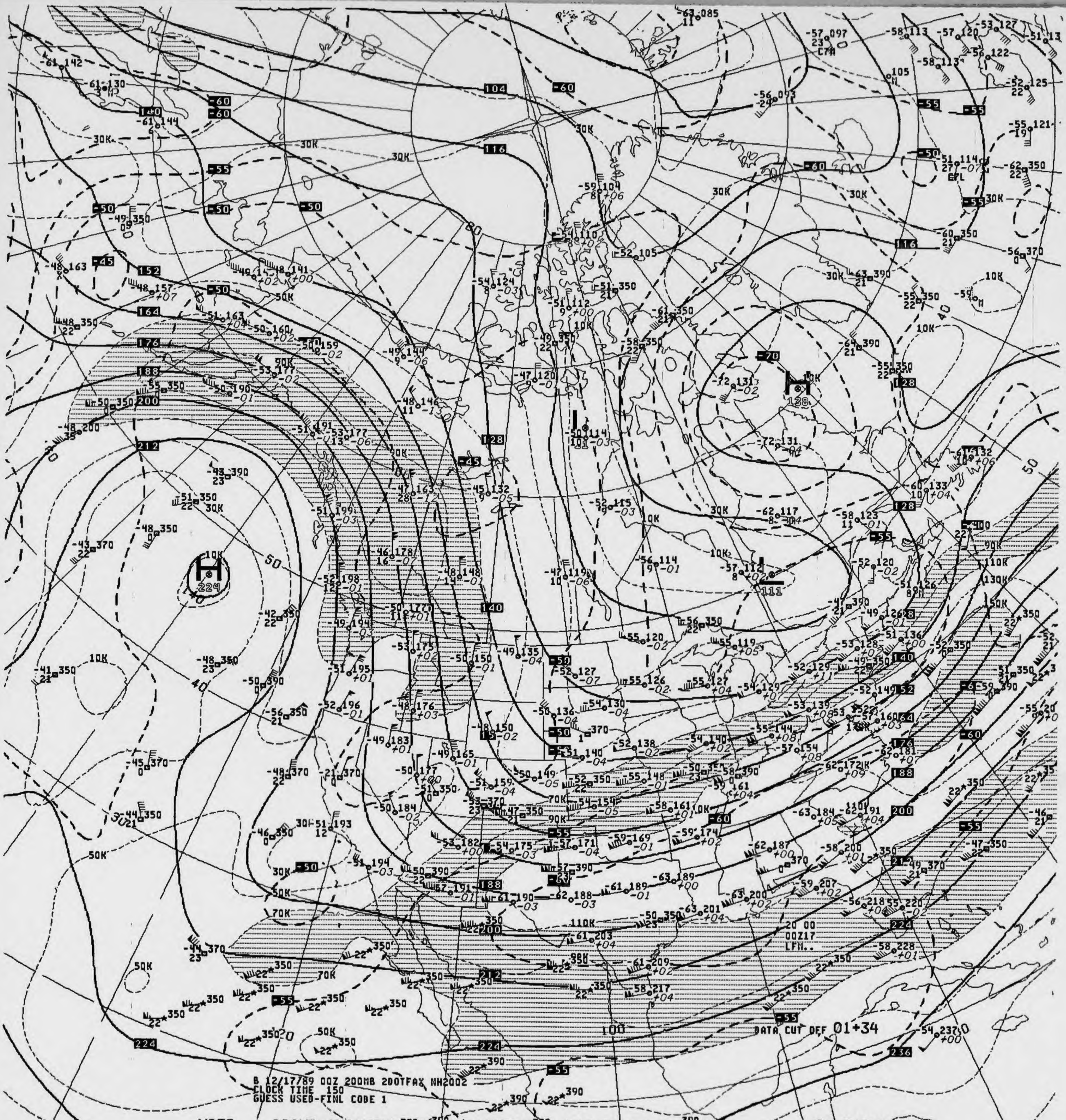
V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 16 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/16/89 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1.
DATA CUT OFF 01+31
20 00
12Z16
LFM..
H
221
H
1042
L
108
L
120

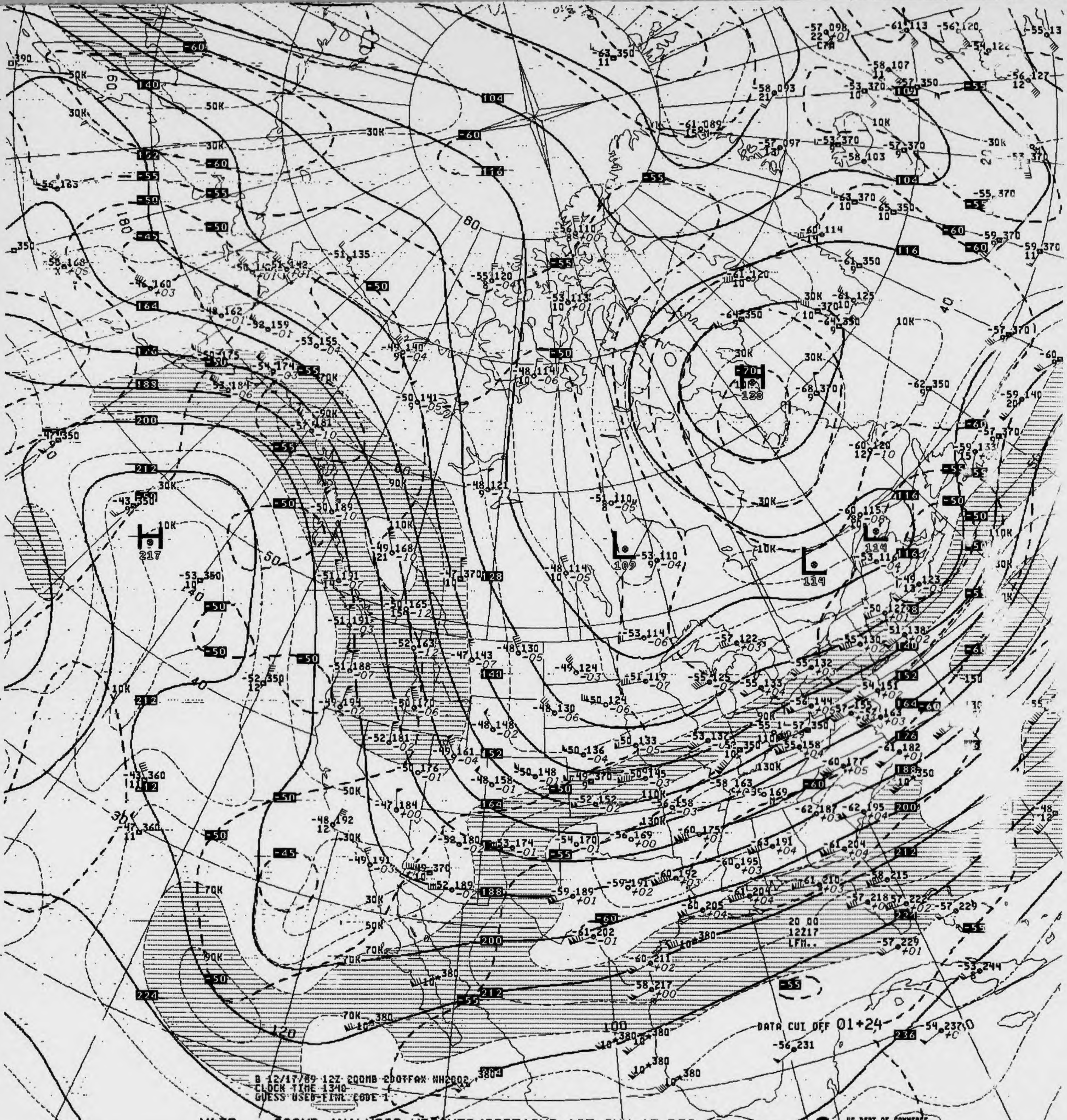
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 16 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/17/89 00Z 200MB 200TFAX NH2002
CLOCK TIME 150
GUESS USED-FINL CODE 1
DATA CUT OFF 01+34
20 00
00Z17
LFH..

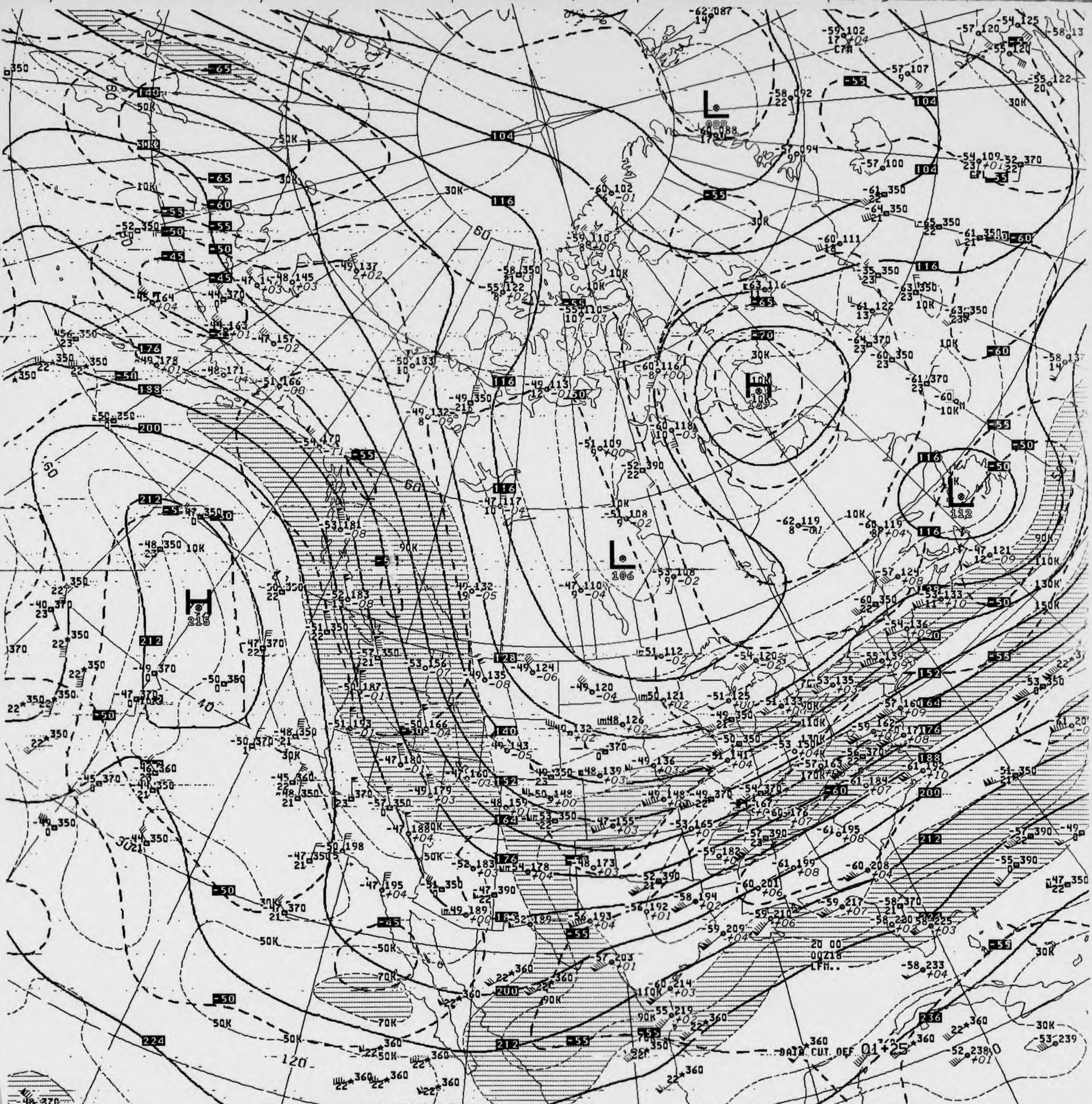
V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 17 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+24
B 12/17/89 12Z 200MB 200TFAX NH2002
CLOCK TIME 1340
GUESS USED-FINL CODE 1
20 00
12217
LFM..

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 17 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
H
215
L
106
L
112
H
DATA CUT OFF 01+25
20 00
00Z18
LFM..
120

B 12/18/89 00Z 200MB 200TFAX NH2002
CLOCK TIME 140
GUESS USED-FINL CODE 1

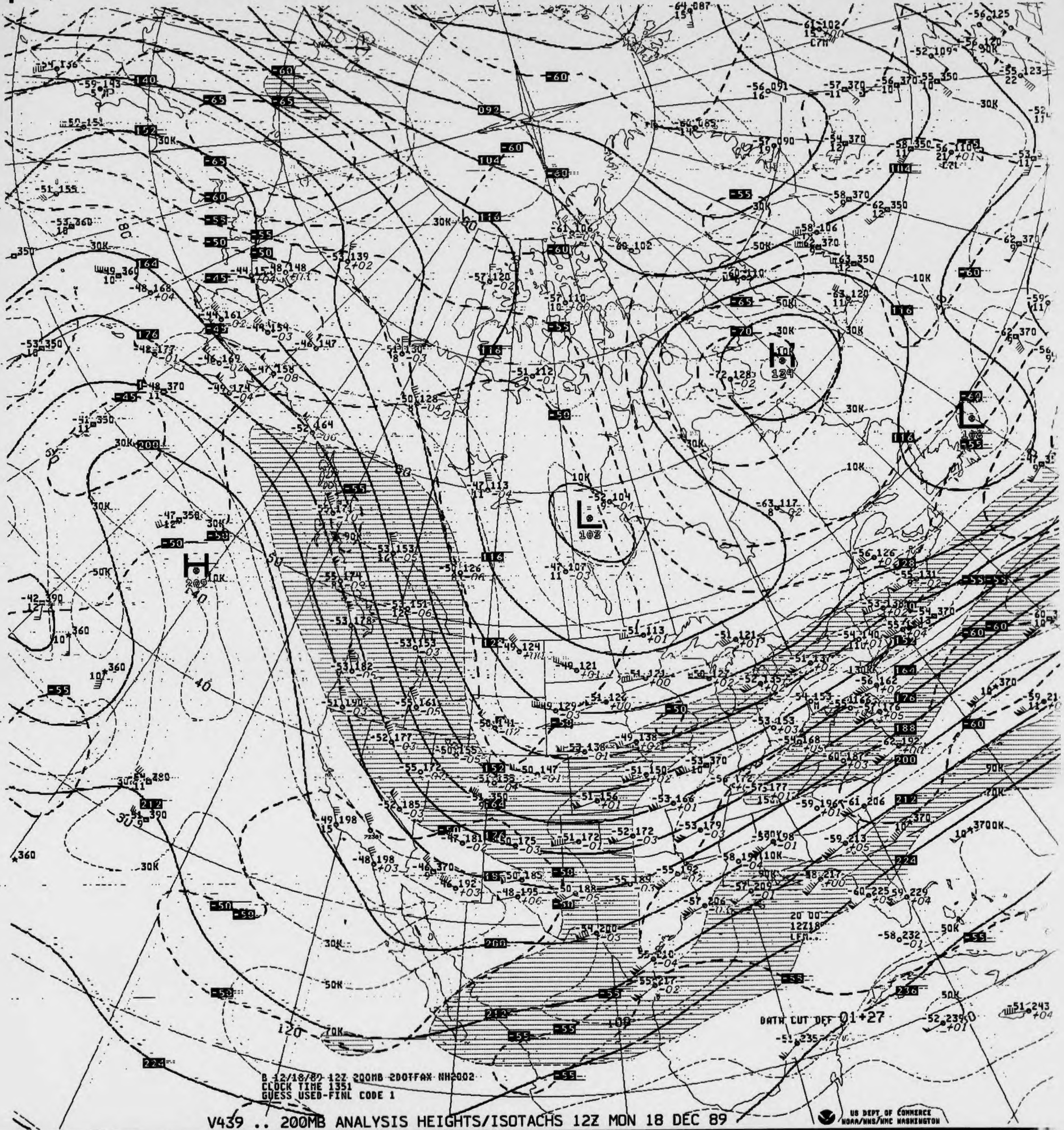
V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 18 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

200MB

-48 196

ID: 72381
LAT/LONG 34N116W



B 12/18/89 12Z 200MB 200TFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1
DATA CUT OFF 01+27
H
209
H
124
L
103
L
108
30K
50K
70K
10K
90K

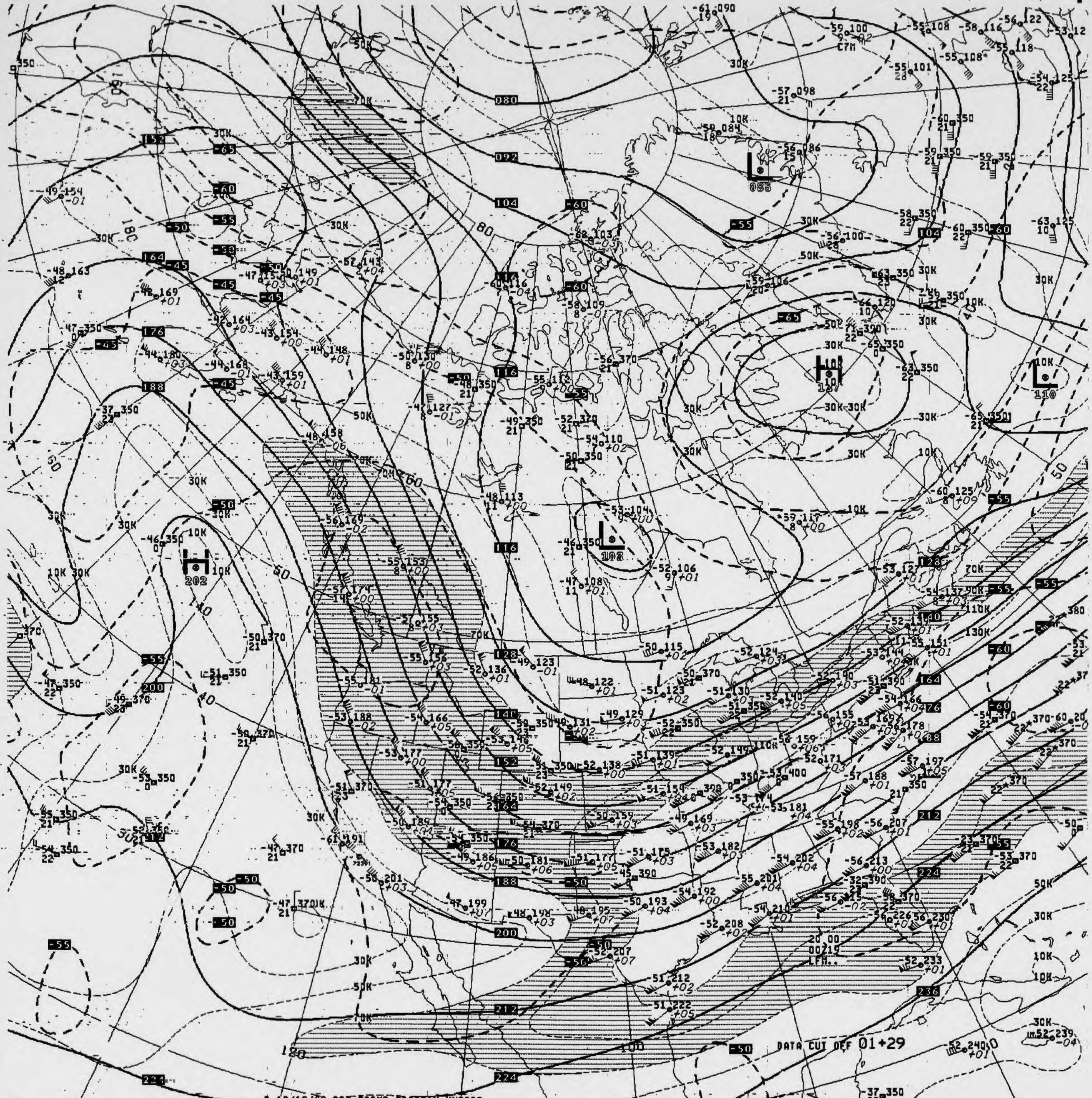
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 18 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

200MB

-50 200

ID 72391
LAT/LONG 34N119W



DATA CUT OFF 01+29
080
092
104
116
128
140
152
164
176
188
200
212
224
236
H 202
L 085
L 103
L 110

B 12/19/89 00Z 200MB 200TFAX NH2002
CLOCK TIME 145
GUESS USED-FINL CODE 1

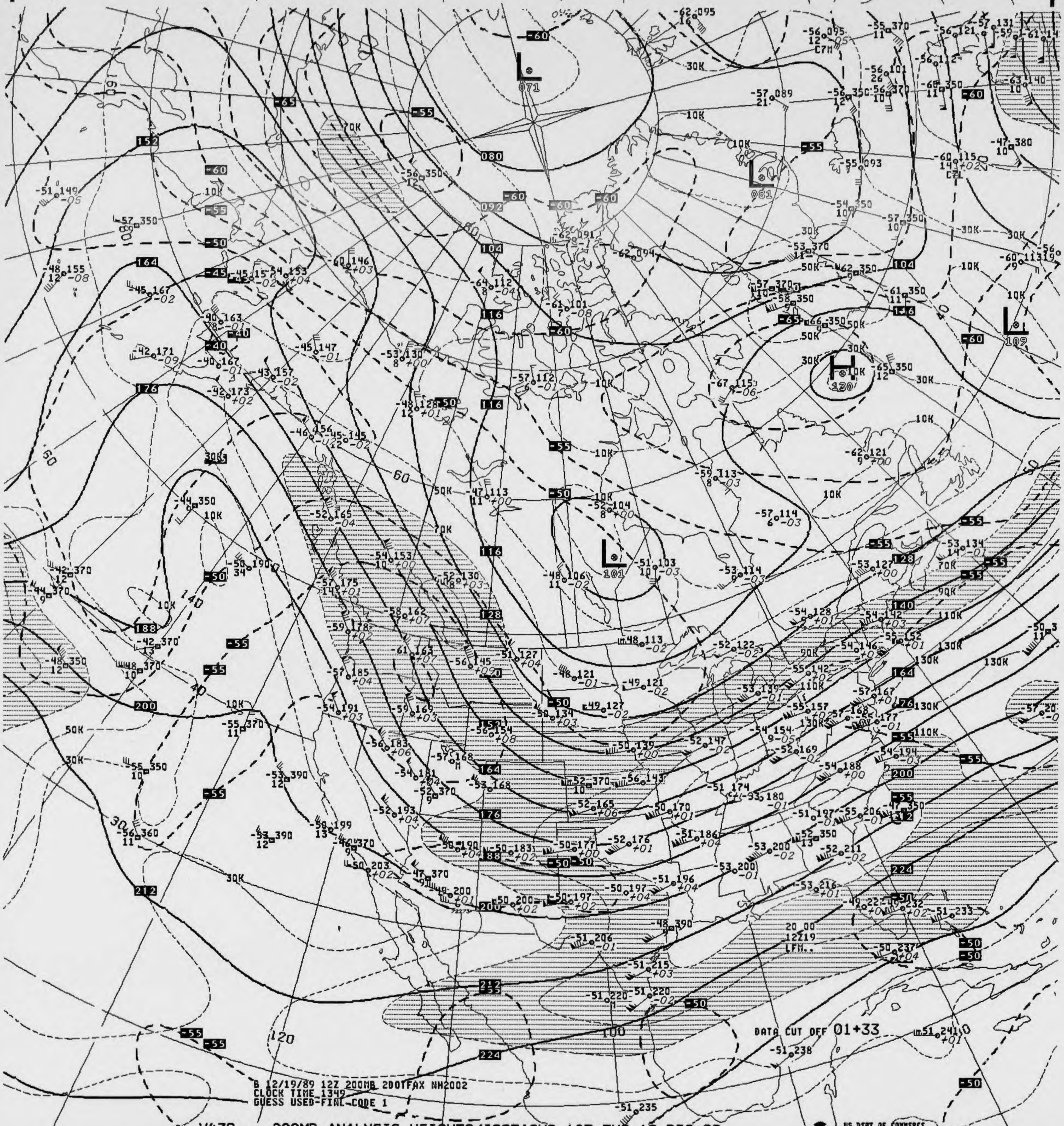
V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

200MB

-30 201
34

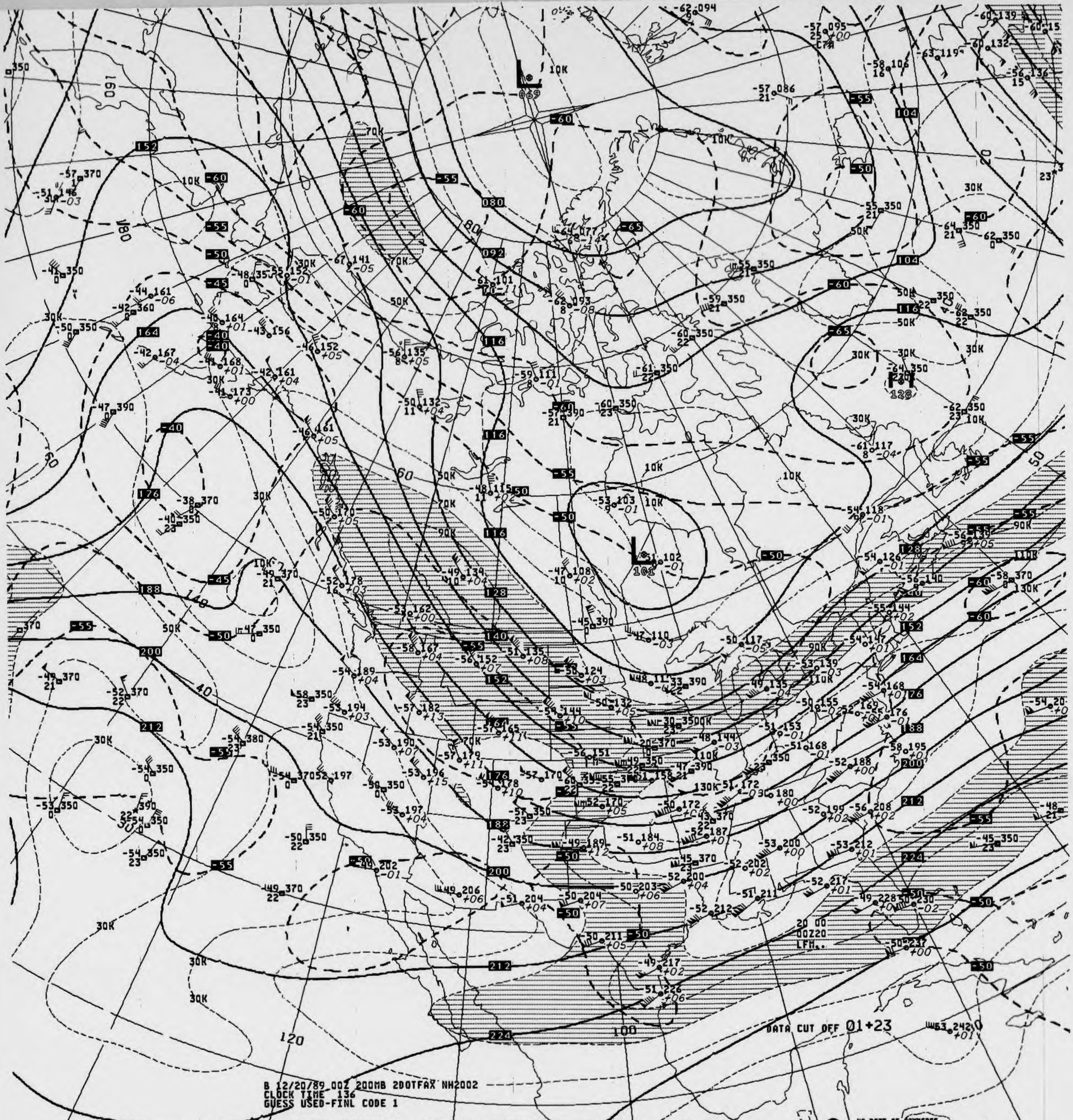
ID 72273
LAT/LONG 31N110W


L
071
L
081
L
109
H
130
L
101
DATA CUT OFF 01+33
20 00
12219
LFM..

B 12/19/89 12Z 200MB 200TFAX NH2002
CLOCK TIME 1349
GUESS USED-FINAL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/20/89 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 136
GUESS USED-FINL CODE 1
DATA CUT OFF 01+23
20 00
00Z20
LFM..

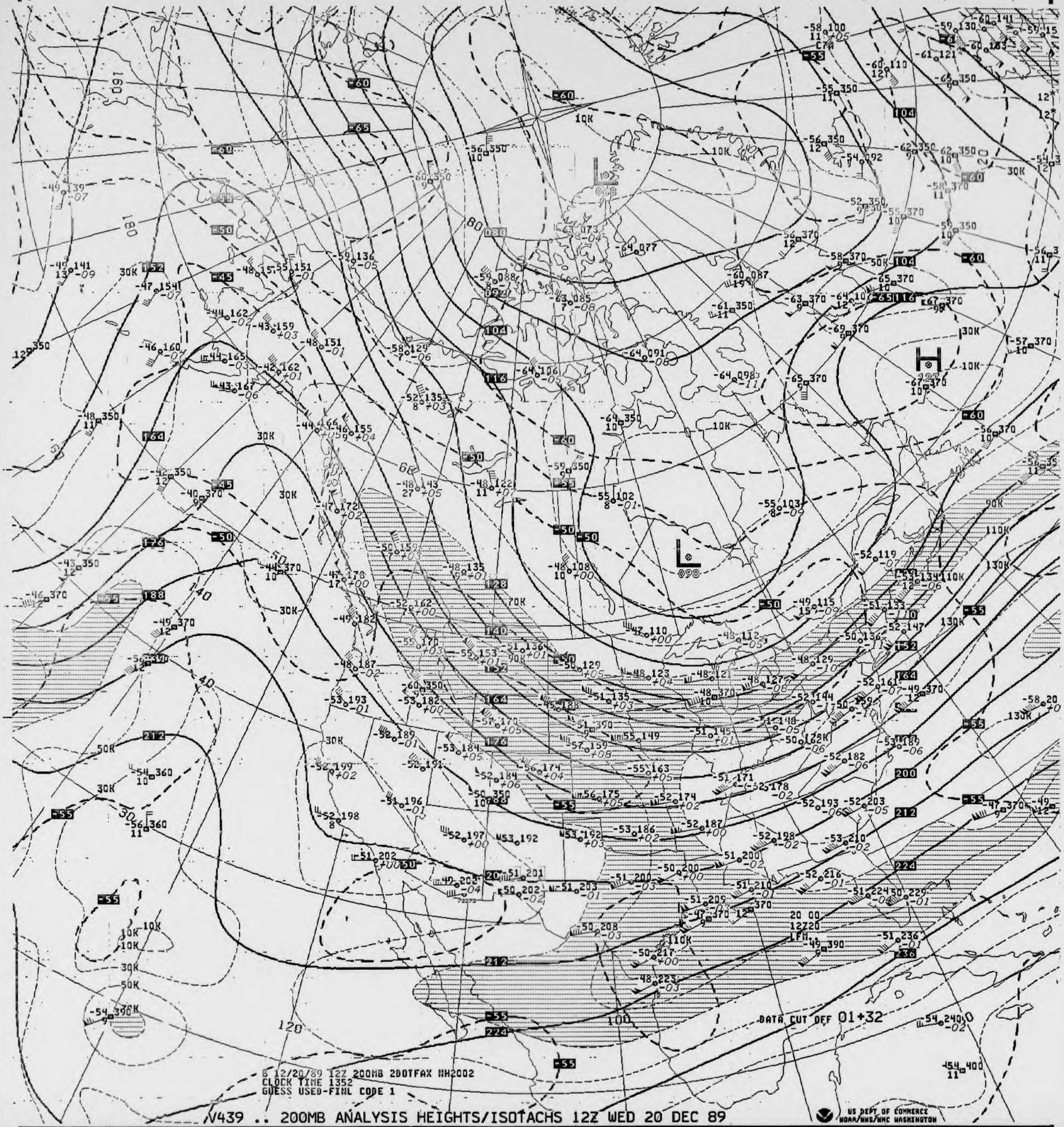
V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

200MB

-49 203
34

ID 72273
LAT/LONG 31N110W



L
068
L
098
H
127
10K
30K
50K
70K
90K
110K
130K
DATA CUT OFF 01+32
B 12/20/89 12Z 200MB 200TFAX NH2002
CLOCK TIME 1352
GUESS USED-FINL CODE 1

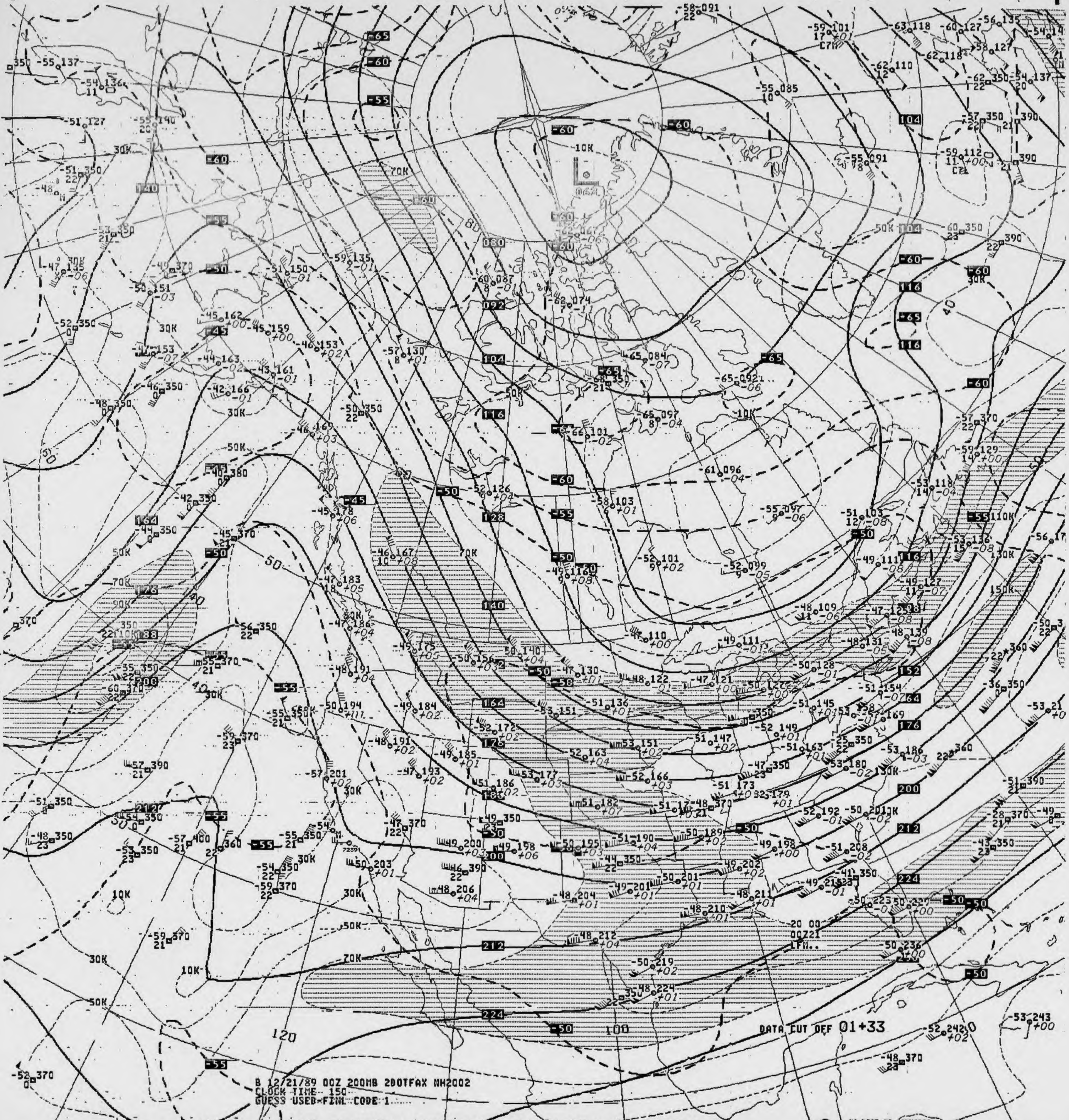
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

200MB

-50 200

ID 72391
LAT/LONG 34N119W


DATA CUT OFF 01+33
20 00
00Z21
1FM..

B 12/21/89 00Z 200MB 200TFAX NH2002
CLOCK TIME 150
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 21 DEC 89

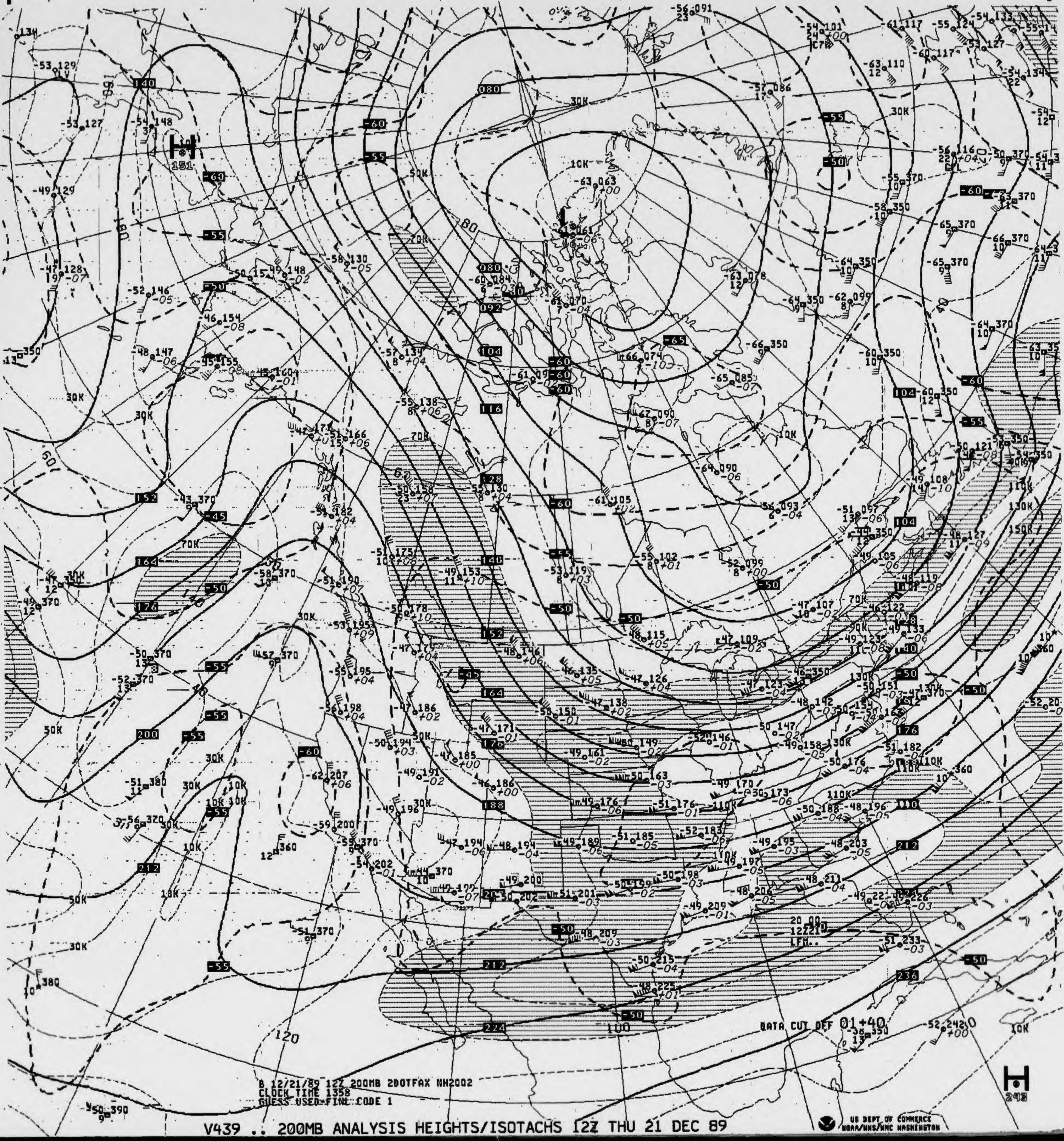
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

200MB

-49 201
39

ID
LAT/LONG

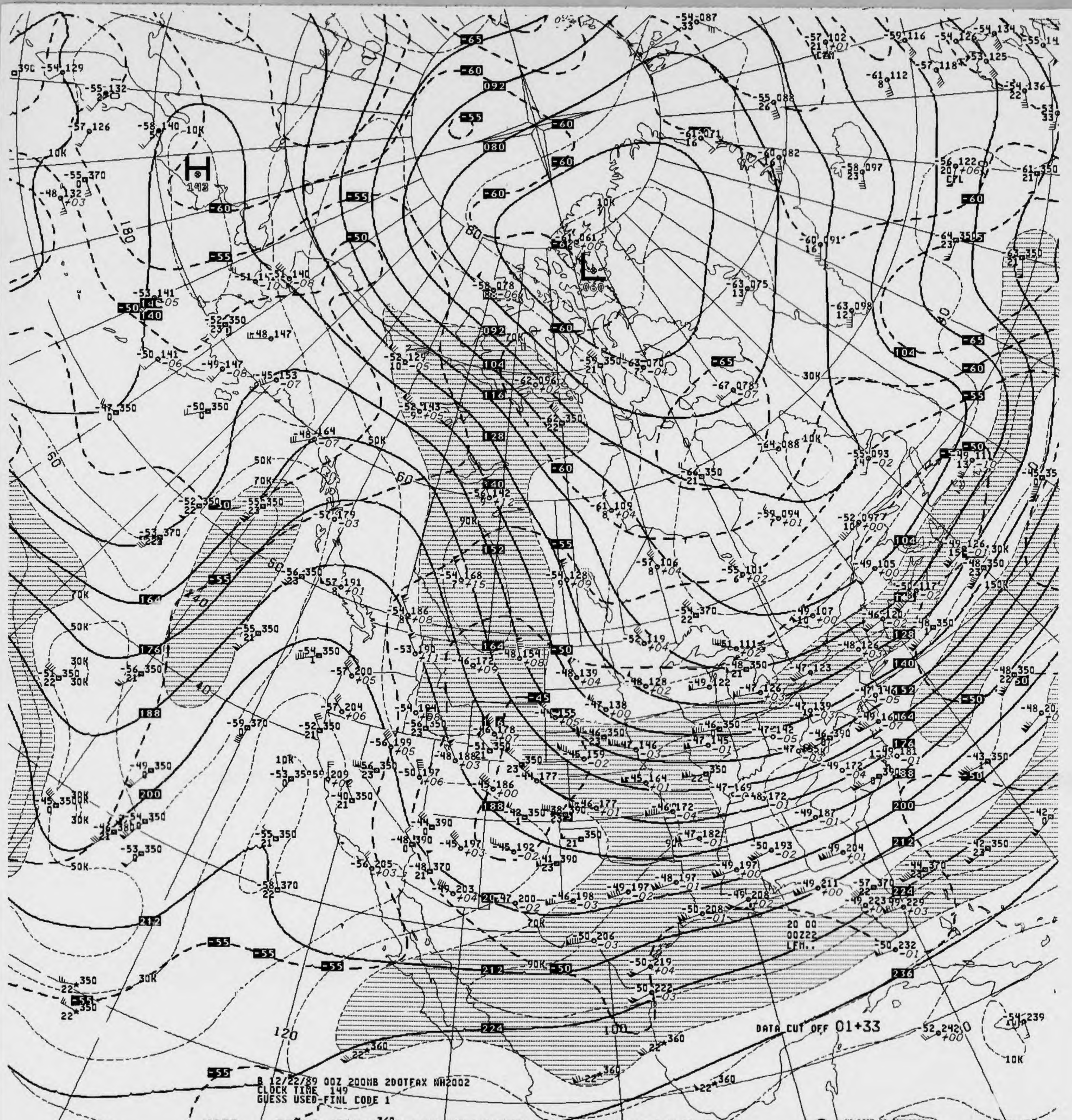
72273
31N110W


DATA CUT OFF 01+40
20.00
12Z21
LFM..

8 12/21/89 12Z 200MB 200TFAX NH2002
CLOCK TIME 1358
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 21 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/22/89 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 149
GUESS USED-FINL CODE 1

DATA CUT OFF 01+33

20 00
00Z22
LFM..

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 22 DEC 89

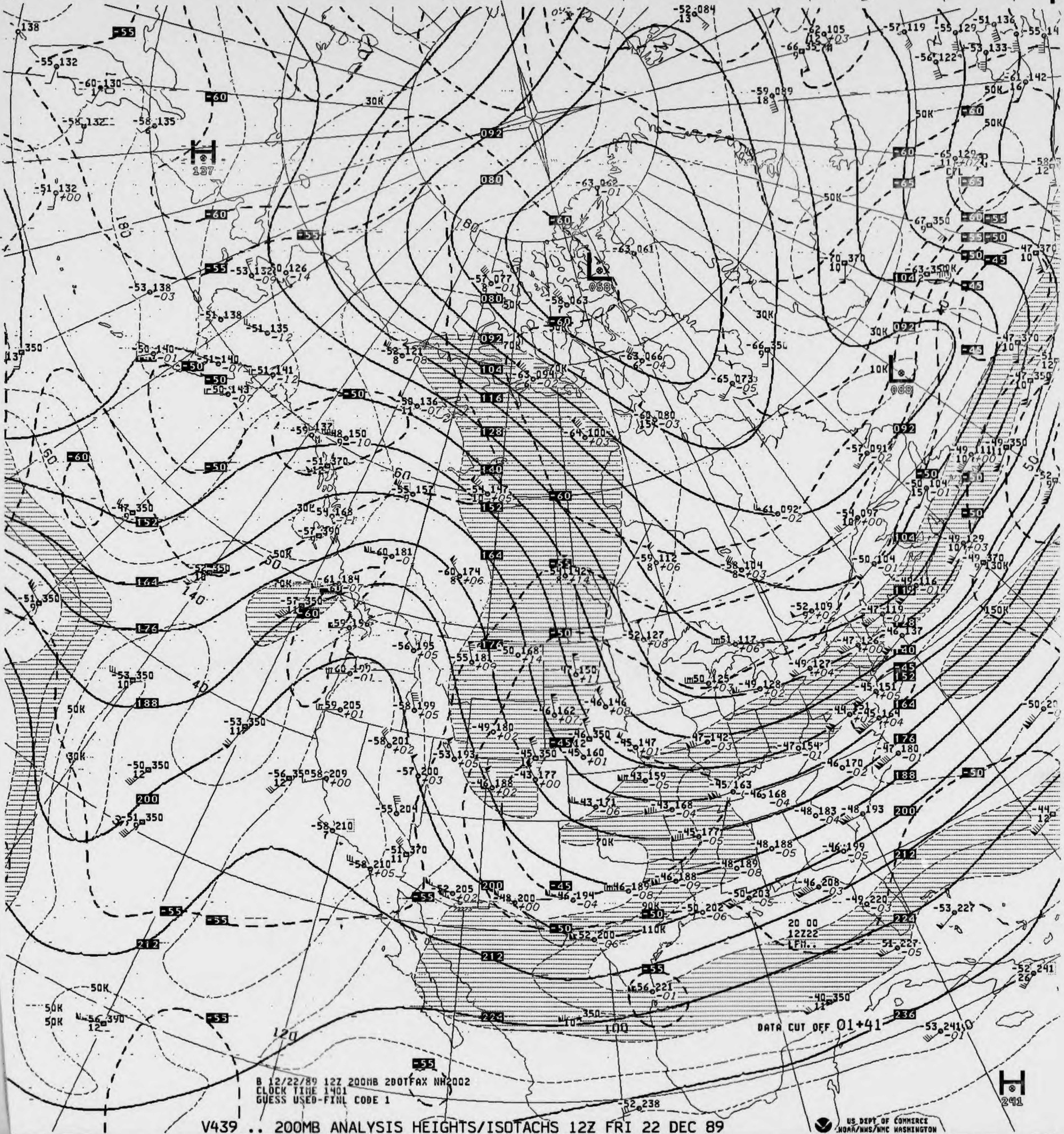
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

200MB

55 205
26

ID
LAT/LONG..

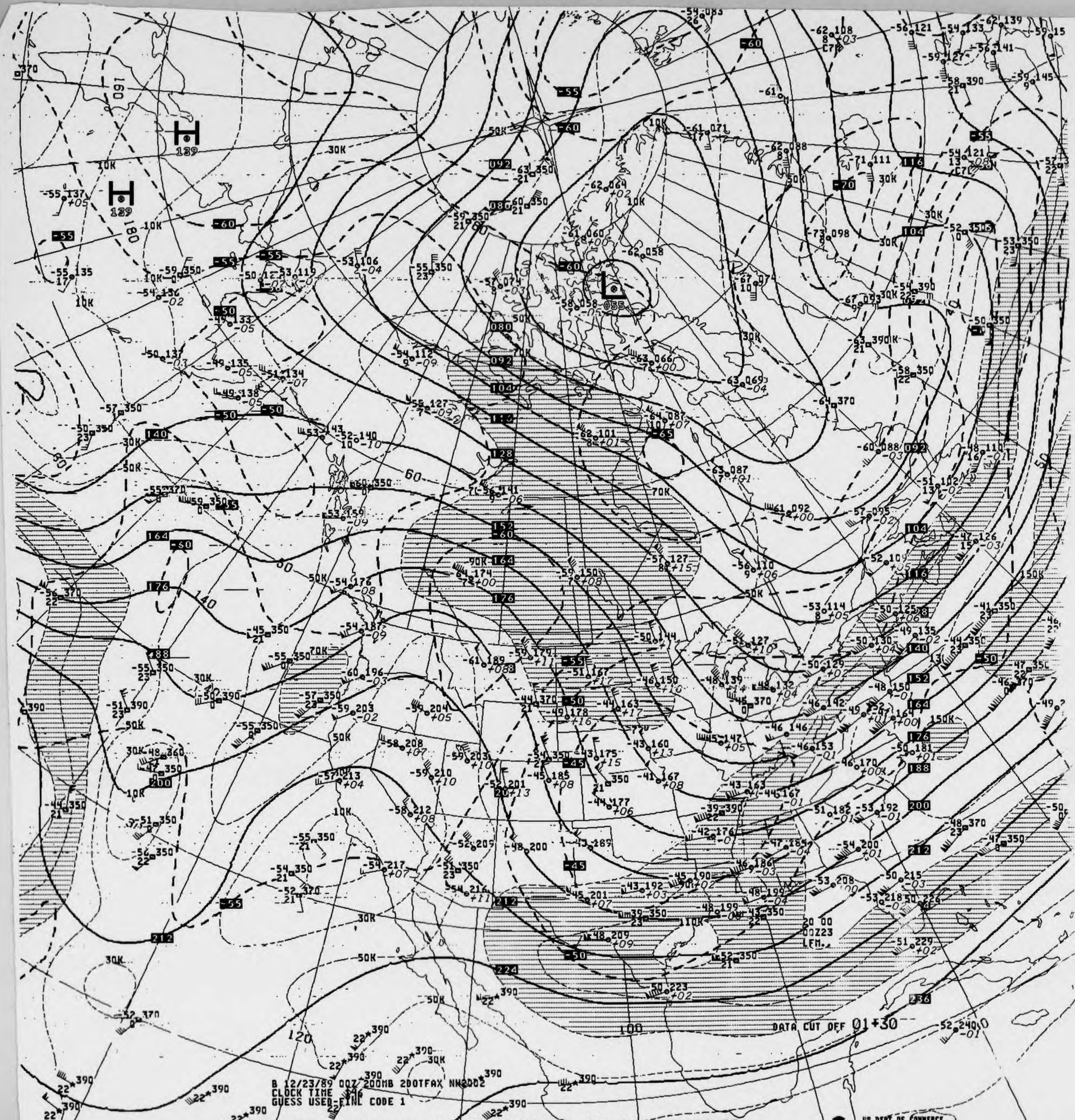
72273
31N110W..


H
137
L
058
L
088
H
241
DATA CUT OFF 01+41
20 00
12Z22
LFM..

B 12/22/89 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1401
GUESS USED-FINL CODE 1

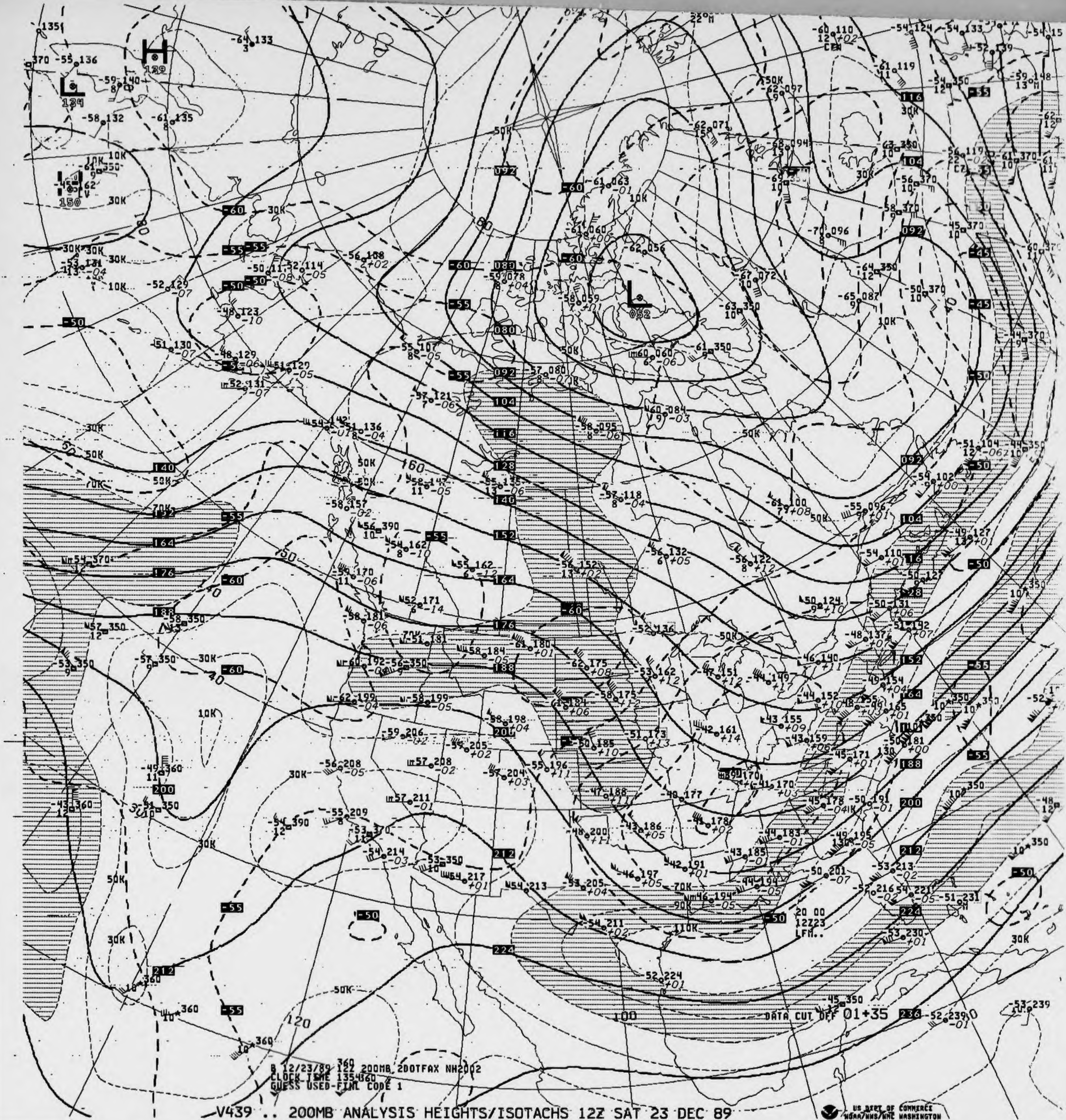
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 22 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/23/89 00Z 200MB 200TFAX NMC002
CLOCK TIME 246
GUESS USED-FINE CODE 1
DATA CUT OFF 01+30
20 00
00Z23
LFM.
H
139
H
139
L
055
10K
30K
50K
70K
90K
110K
150K
60
80
100
120
140
160
180

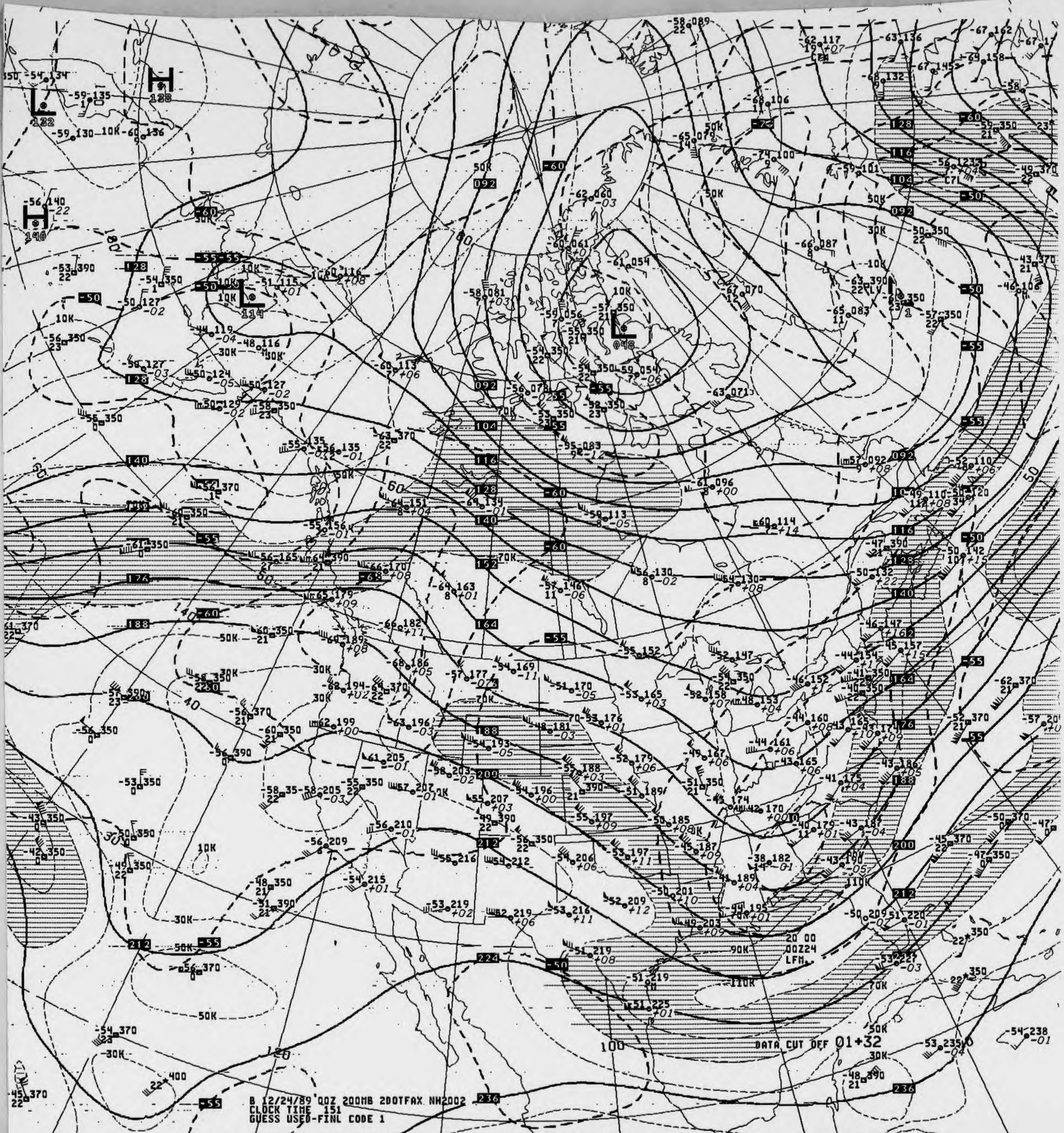
V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+35
20 00
12Z23
LFM..
8 12/23/89 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1354
GUESS USED-FINAL CODE 1

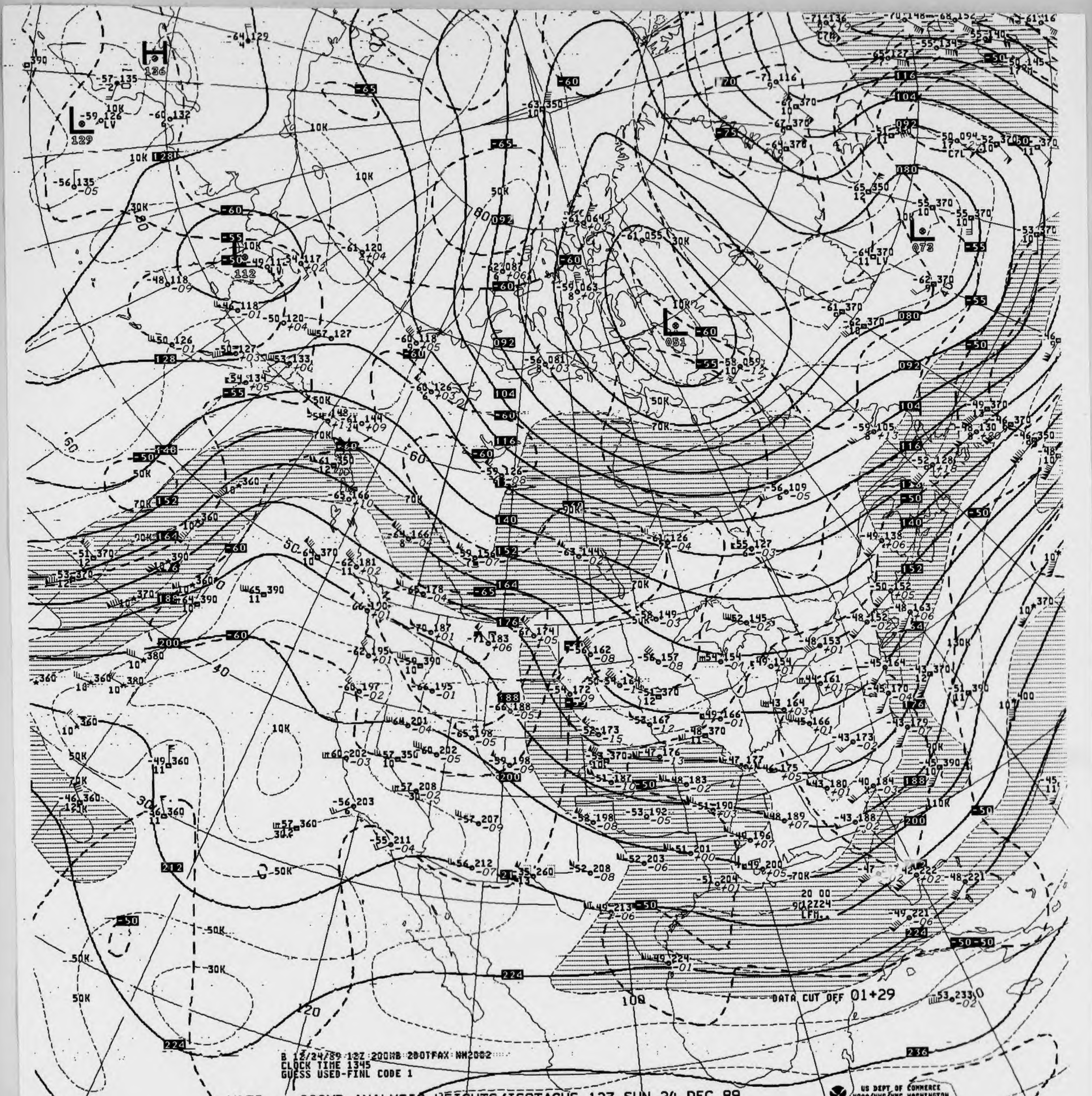
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+32
B 12/24/89 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1
20 00
00Z24
LFM

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 24 DEC 89

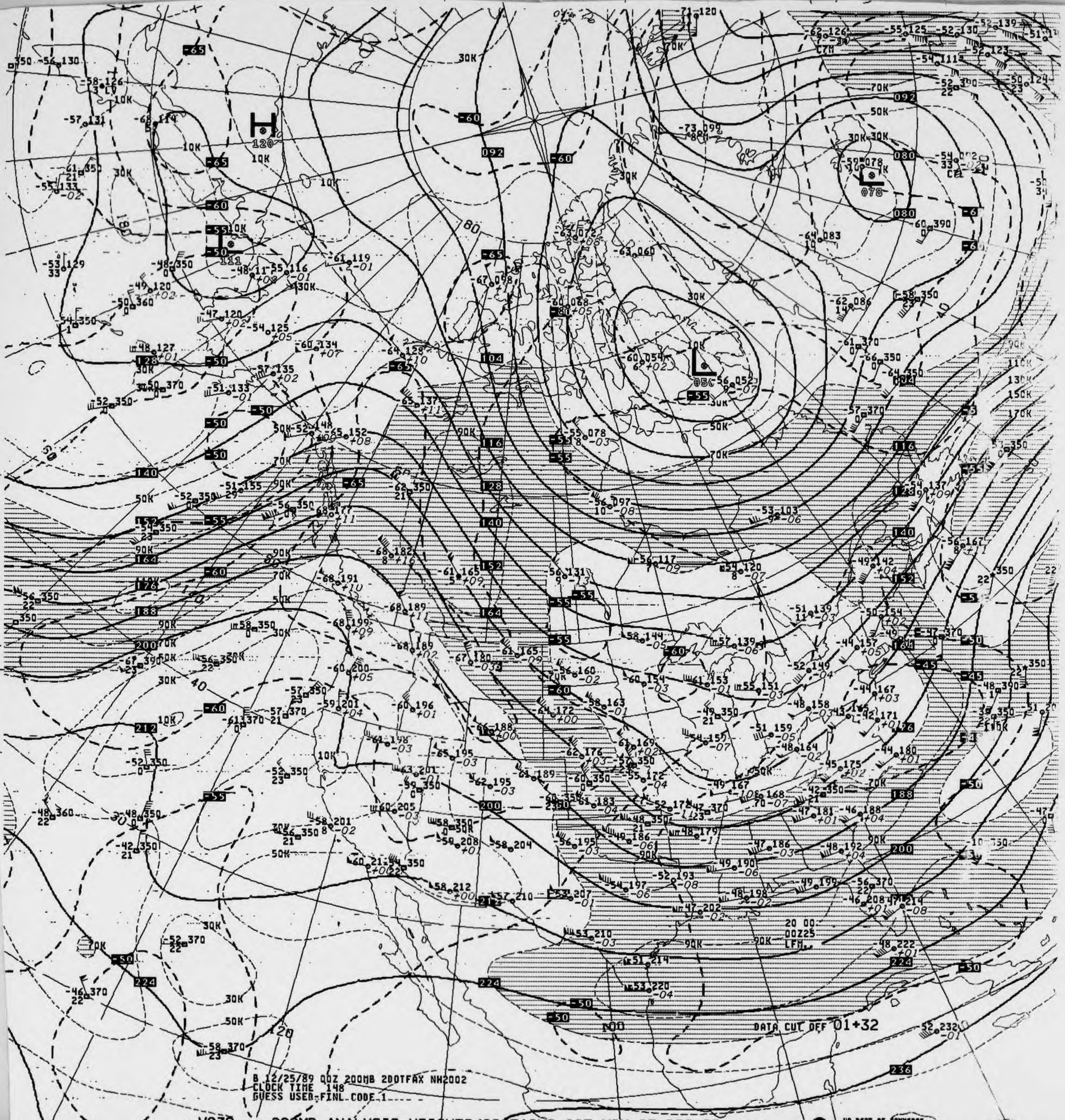
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/24/89 12Z 200MB 2B0TFAX NH2002
CLOCK TIME 1345
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 24 DEC 89

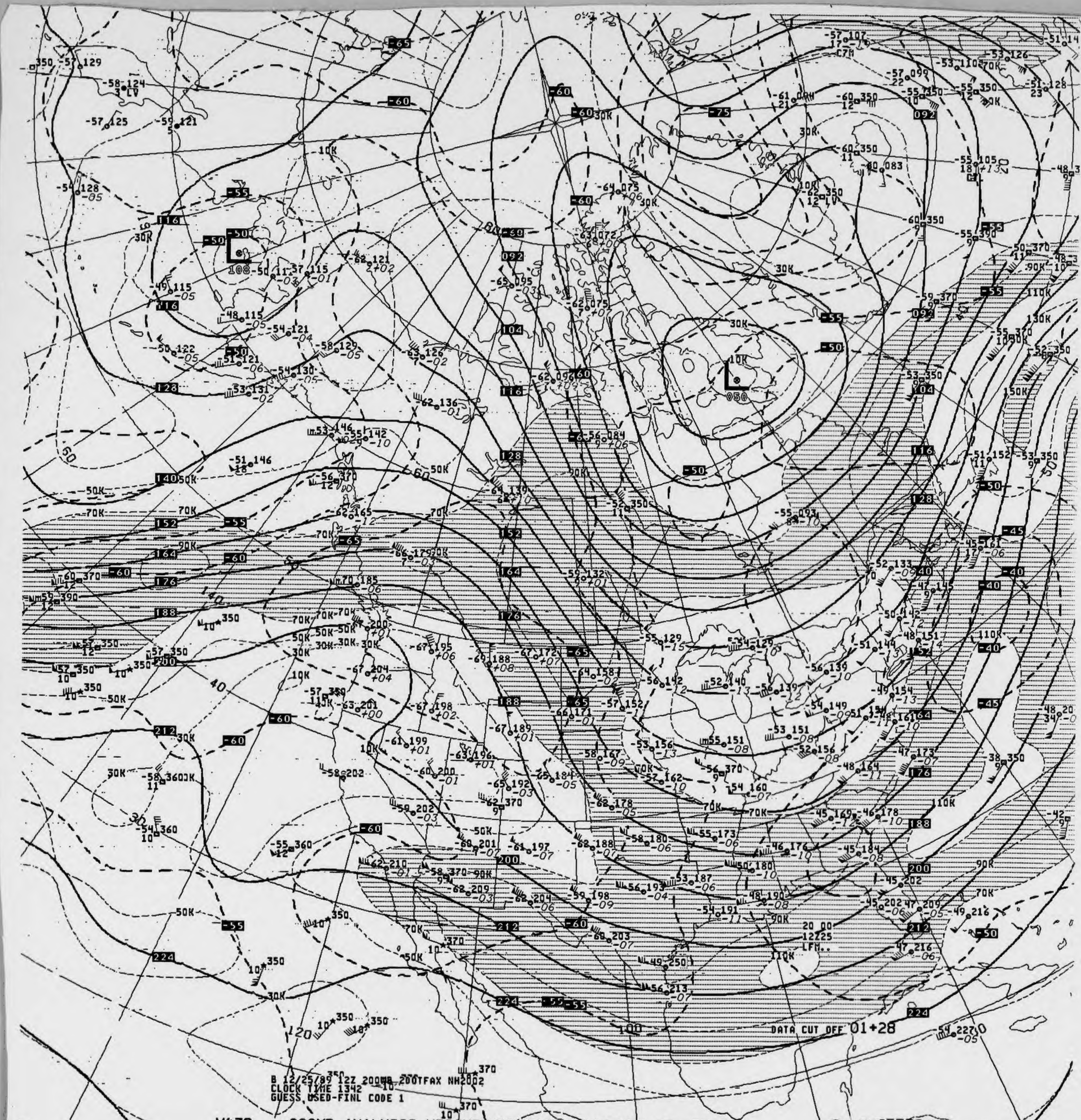
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
120
L
078
L
056
DATA CUT OFF 01+32
20 00
00Z25
LFM

B 12/25/89 00Z 200MB 200TFAX NH2002
CLOCK TIME 148
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 25 DEC-89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

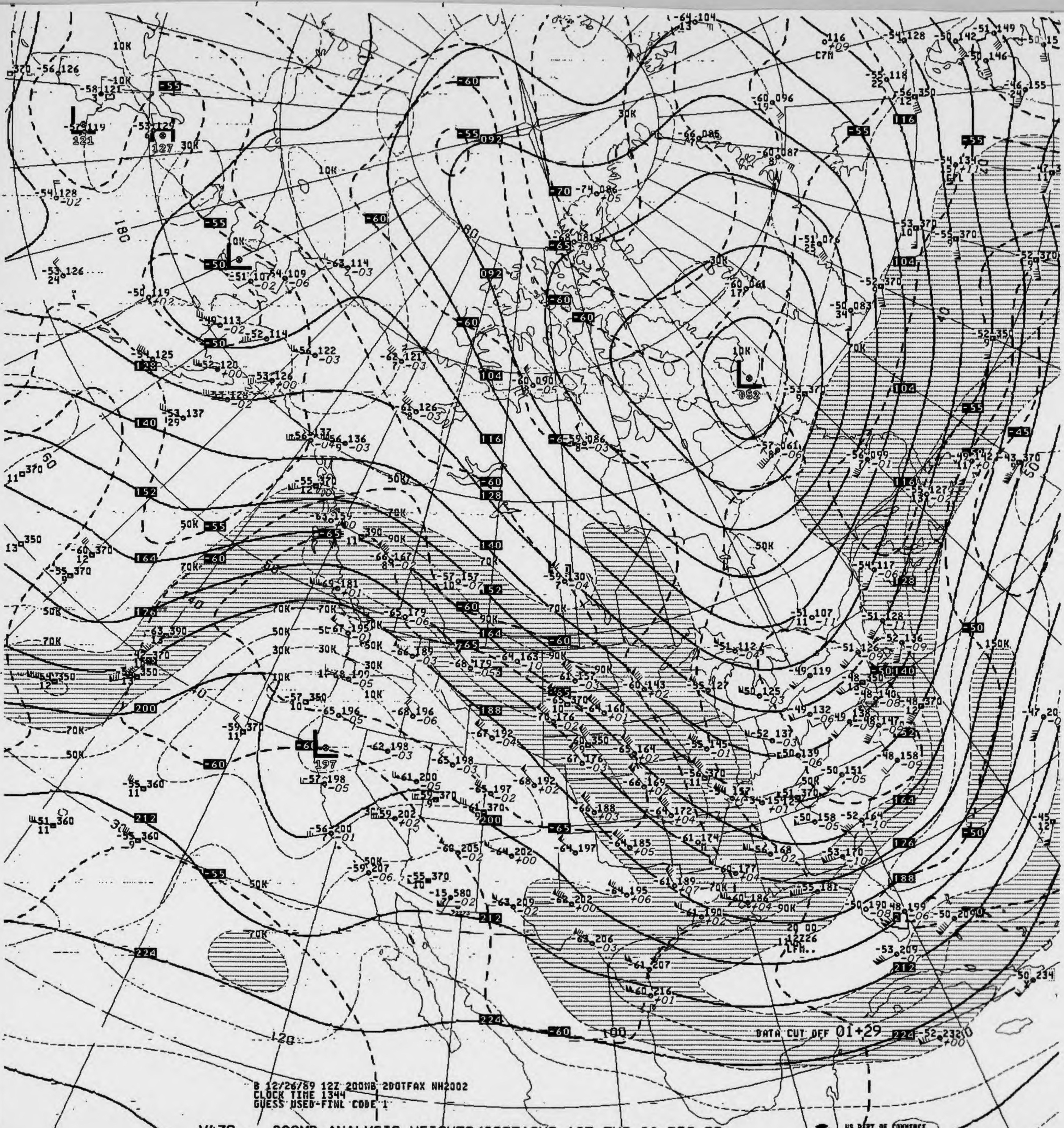


DATA CUT OFF 01+28

B 12/25/89 12Z 200MB 200TFAX NH2002
CLOCK TIME 1342
GUESS USED-FINL CODE 1

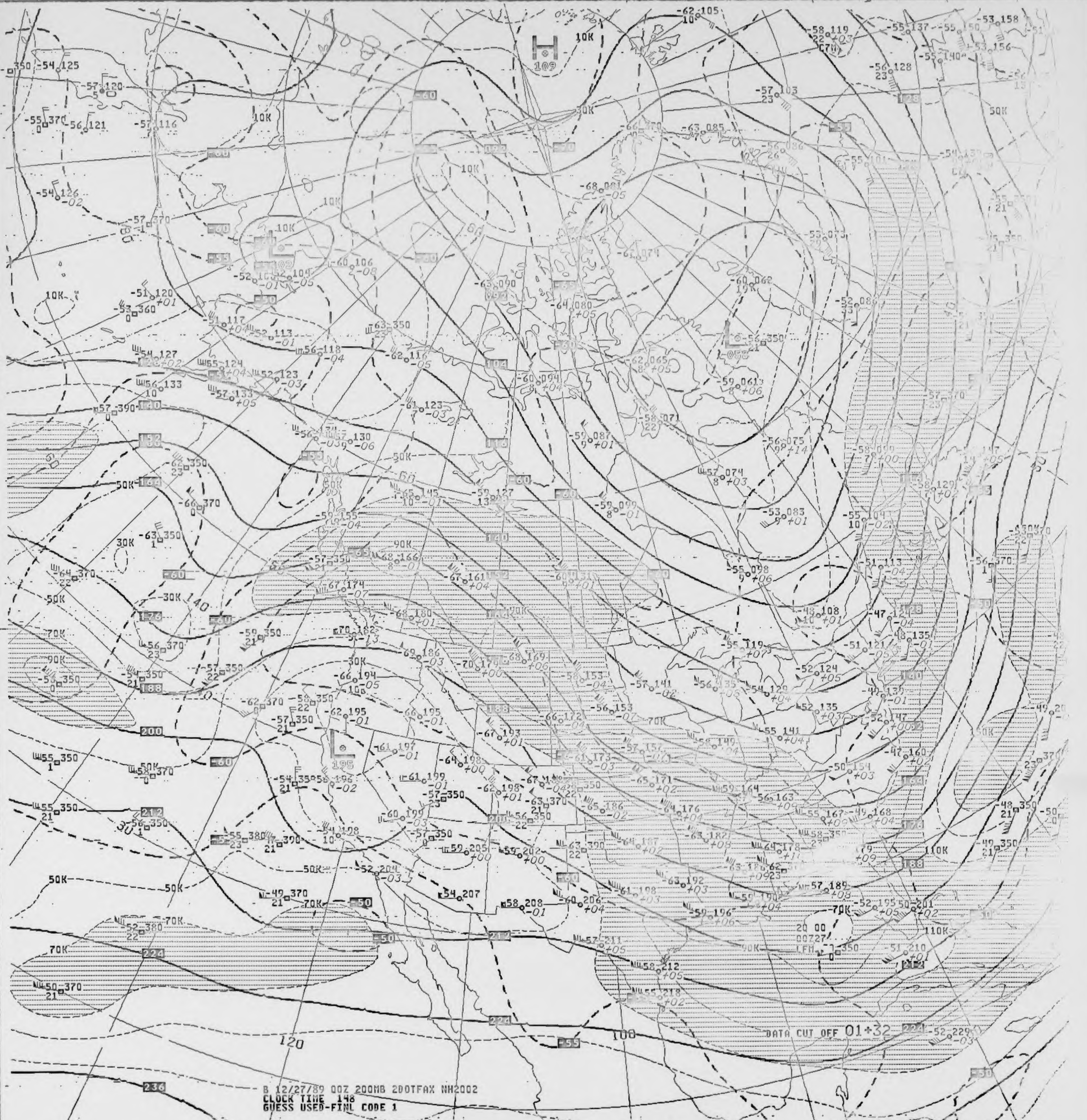
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 25 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+29
B 12/26/89 12Z 200MB 200TFAX NH2002
CLOCK TIME 1344
GUESS USED-FINL CODE 1

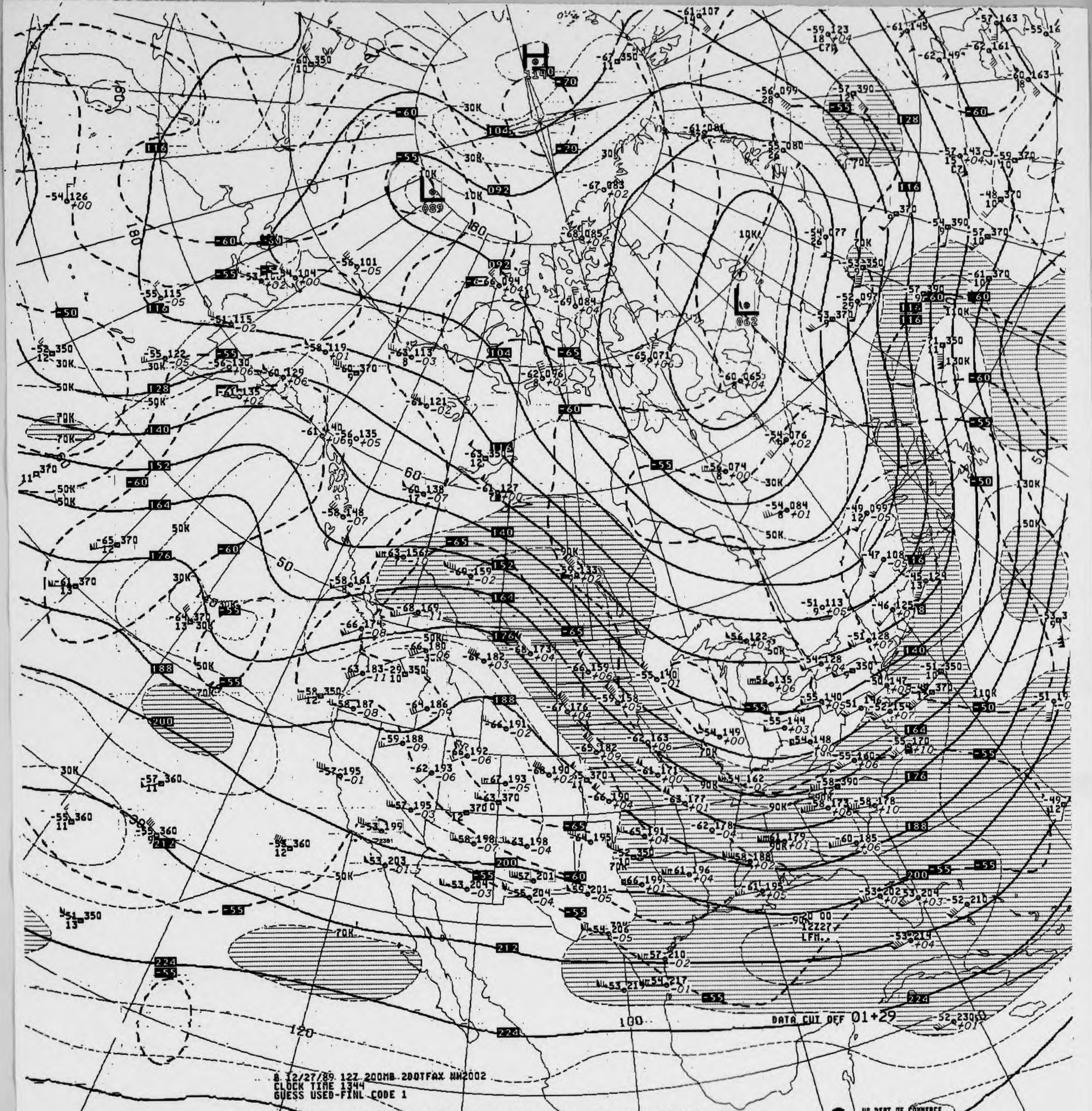
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 26 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/27/89 00Z 200MB 200TFAX NH2002
CLOCK TIME 148
GUESS USED-FINL CODE 1
DATA CUT OFF 01+32
H
109
L
195
10K
30K
50K
70K
90K
110K
120
100
140

V039 ... 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 27 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

8 12/27/89 12Z 200MB 200TFAX NH2002
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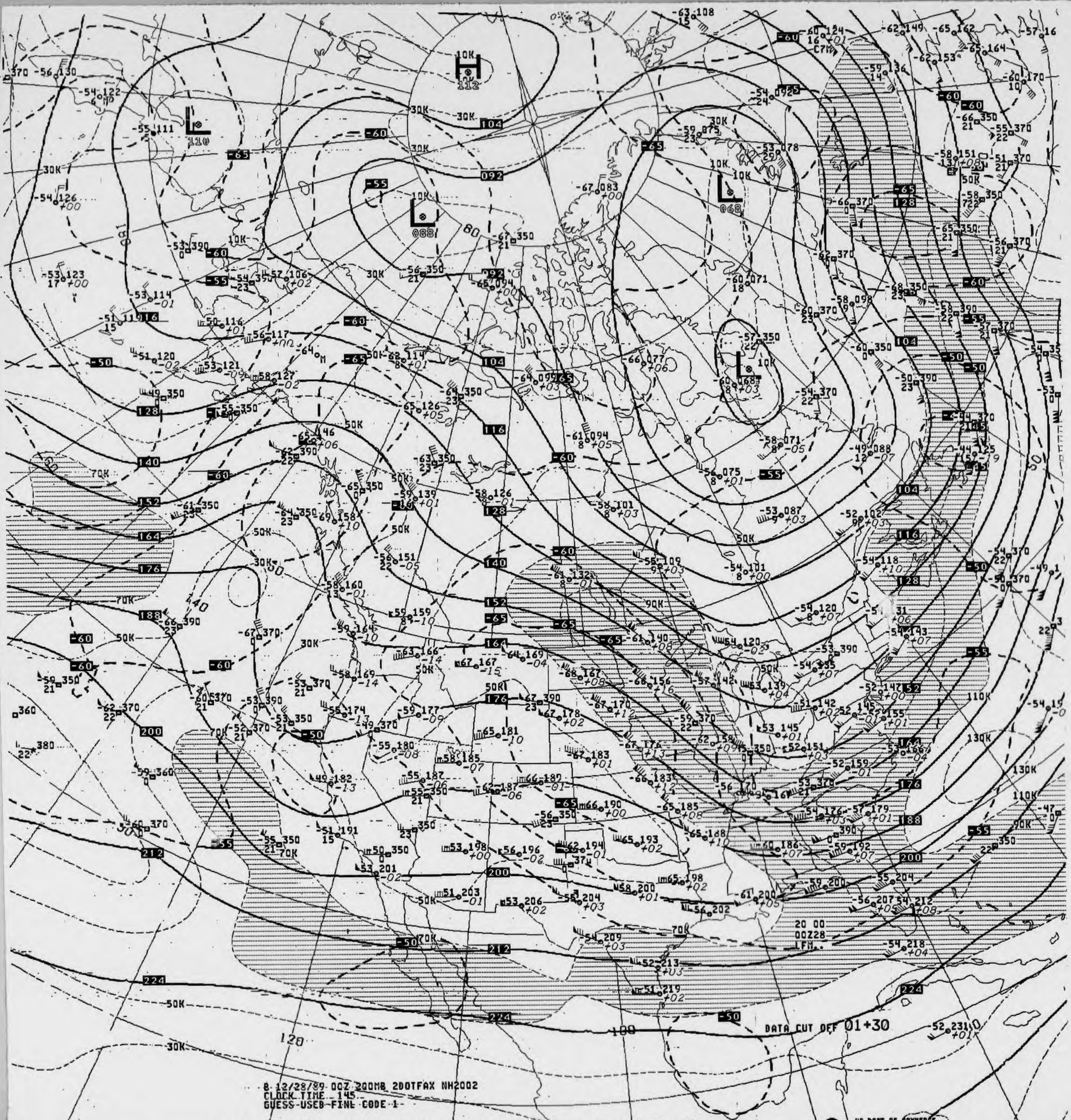
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 27 DEC 89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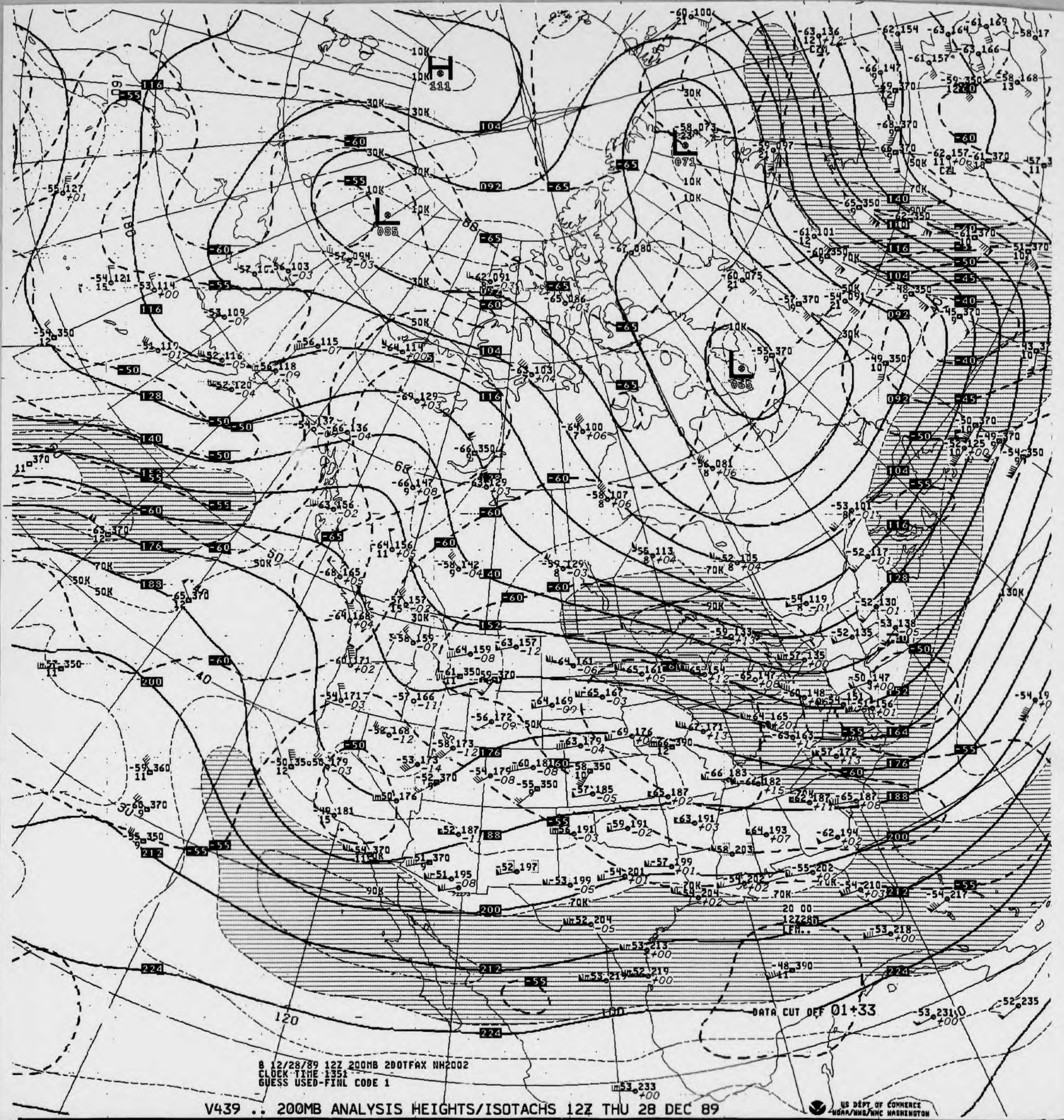
CLOCK TIME 145
GUESS USED FINE CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 1351
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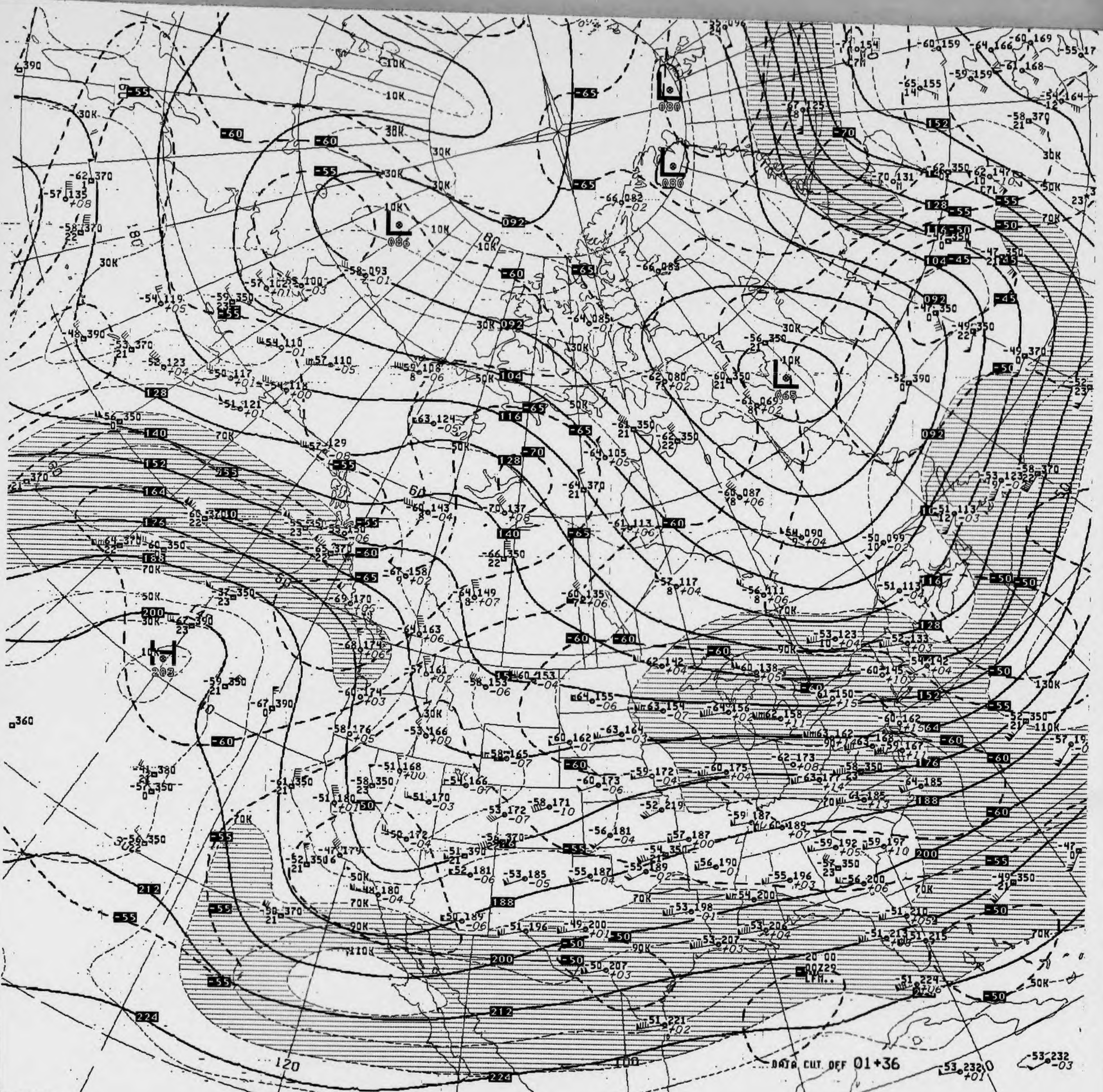
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 28 DEC 89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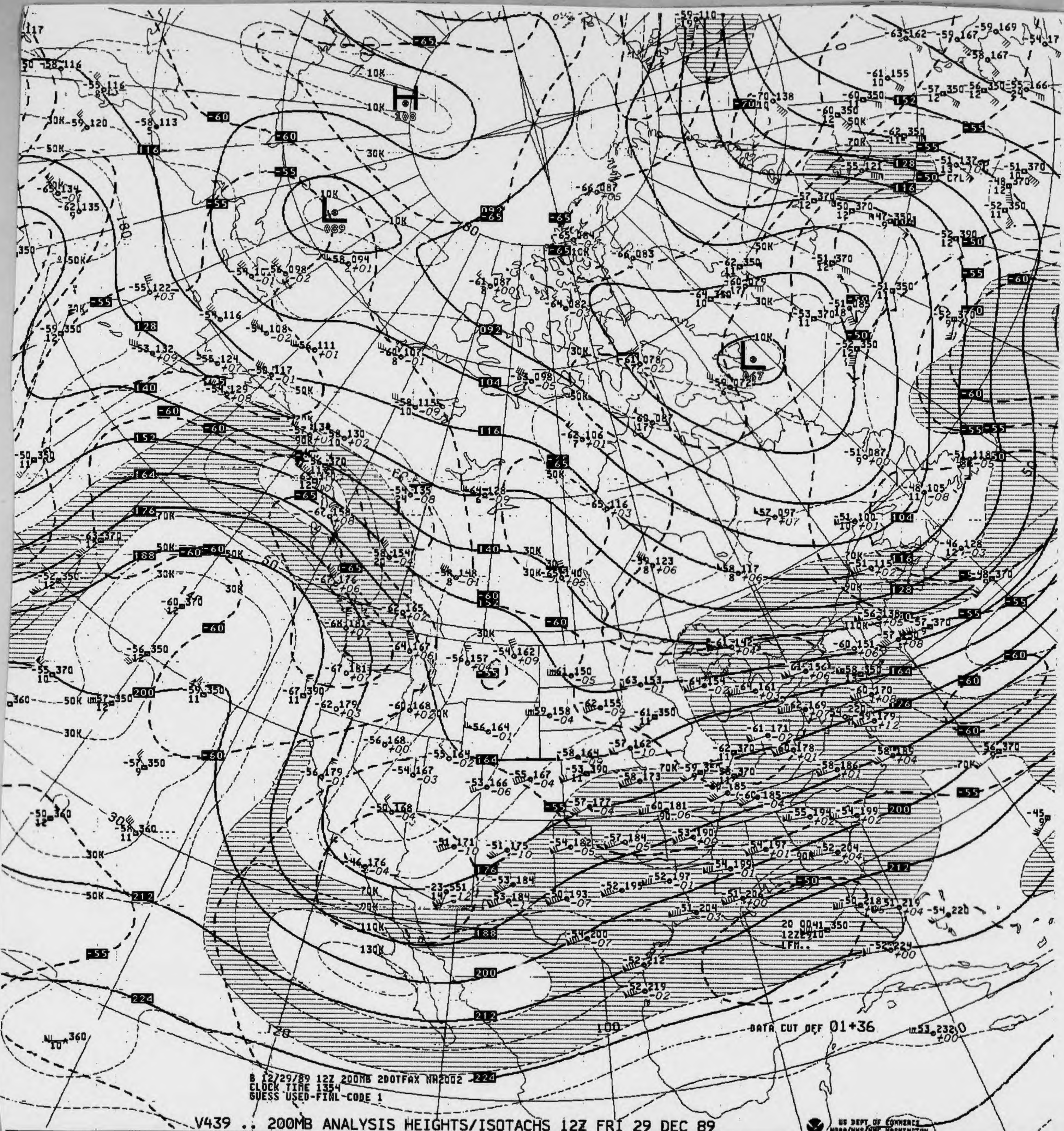
212
224
-45
-50
-55
-60
-65
-70
120
100
80
180

B 12/29/89 00Z 200MB 200TFAX NH2002
CLOCK TIME 155
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
108
L
089
L
067
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70K
90K
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116
128
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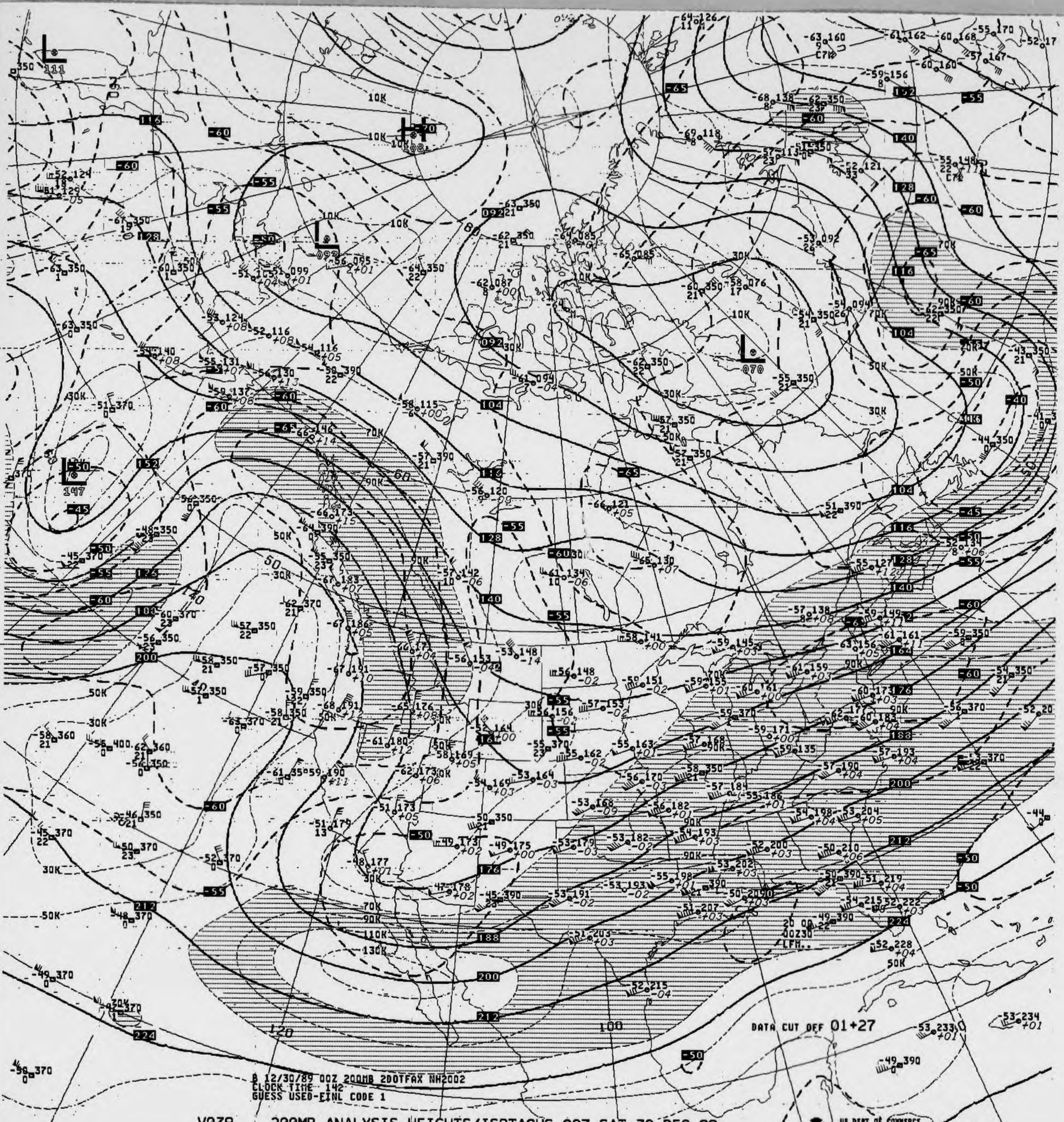
152
164
176
188
200
212
224
DATA CUT OFF 01+36
B 12/29/89 12Z 200MB 200TFAX NA2002
CLOCK TIME 1354
GUESS USED-FINL-CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 142
GUESS USED-FINL CODE 1
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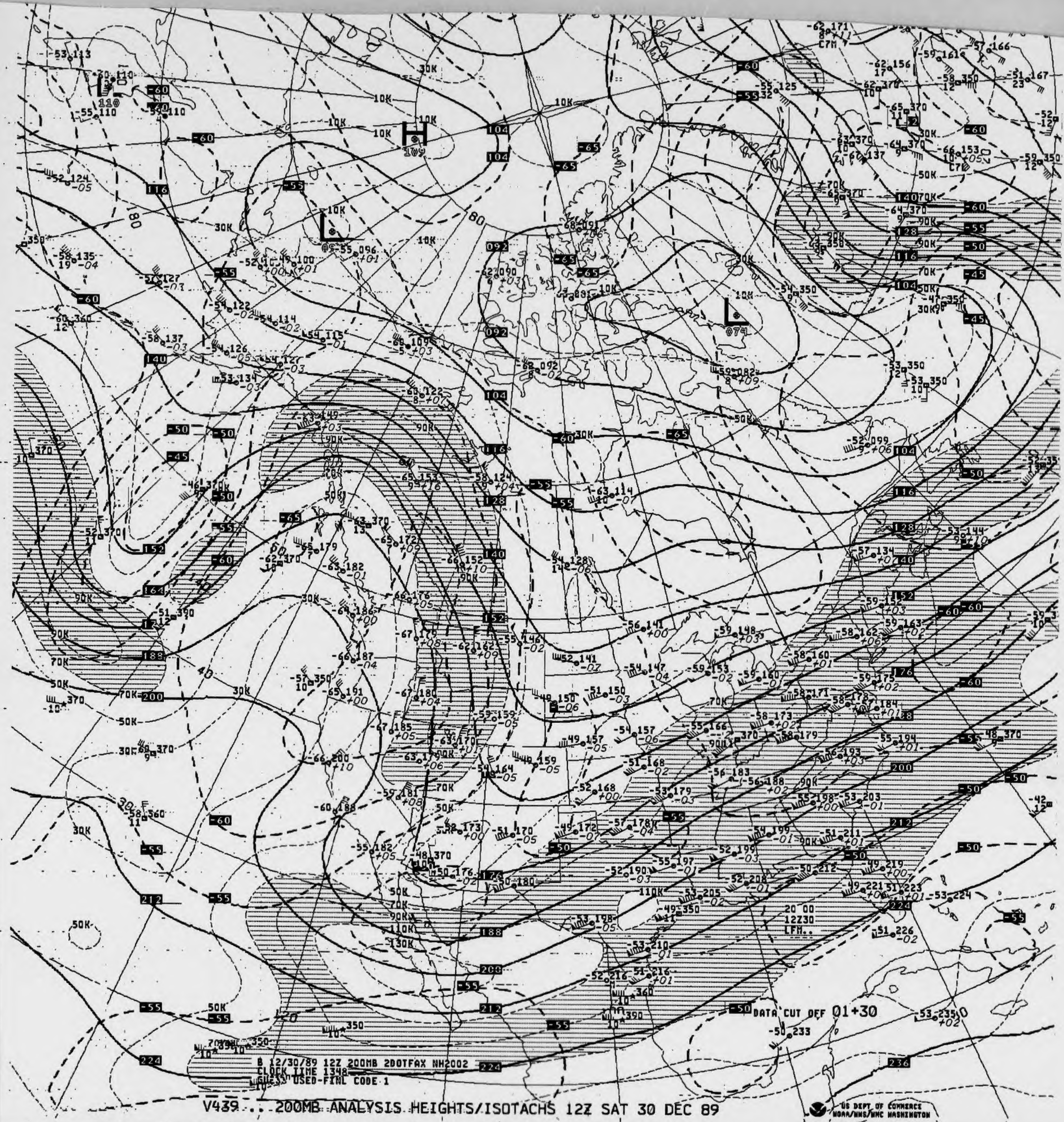
LFM..

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 1348
GUESS USED-FINL CODE 1
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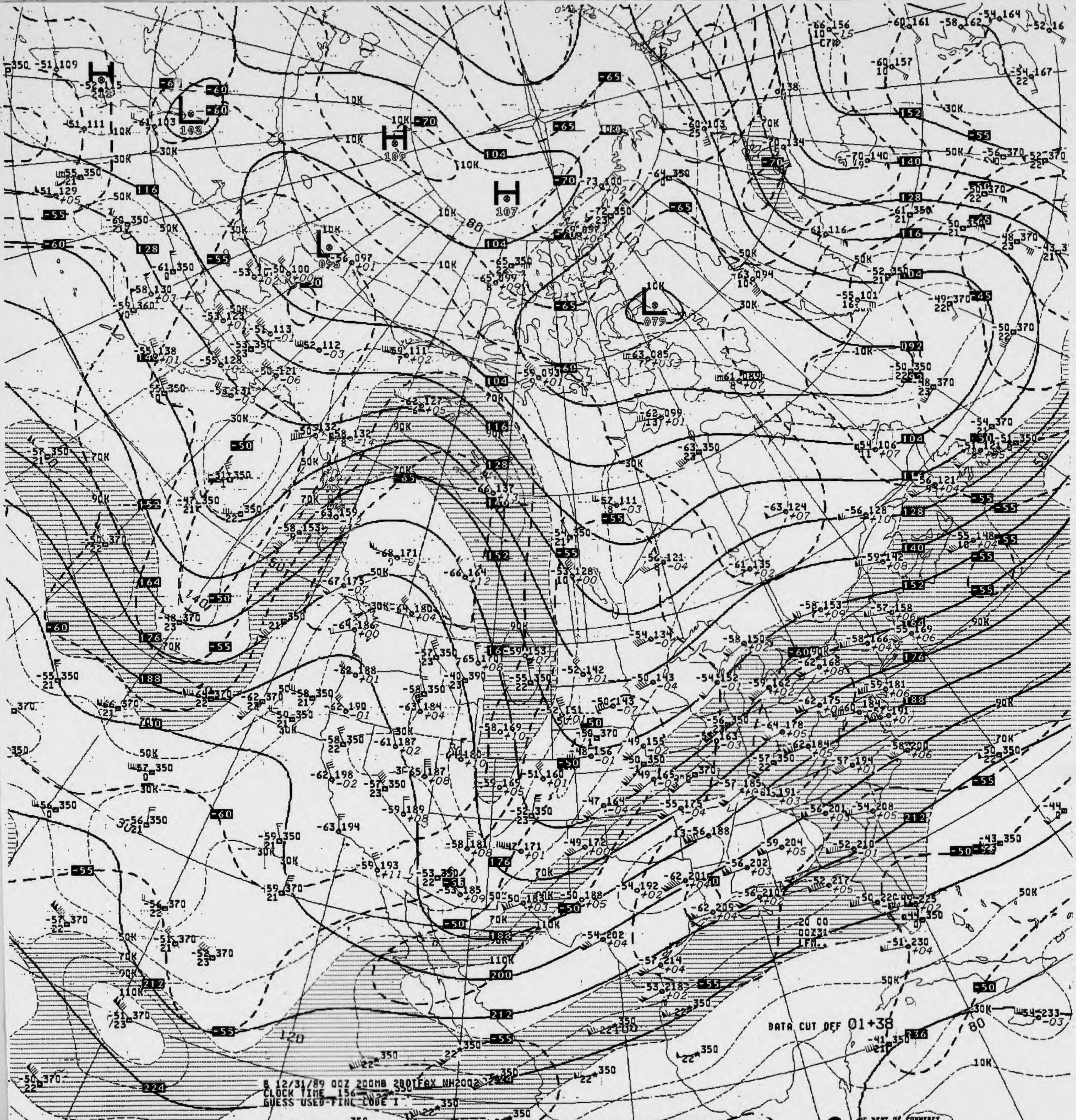
V439 ... 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L
103
H
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H
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L
075
L
079
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116
128
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200
212
224
236
092
-50
-55
-60
-65
-70
10K
30K
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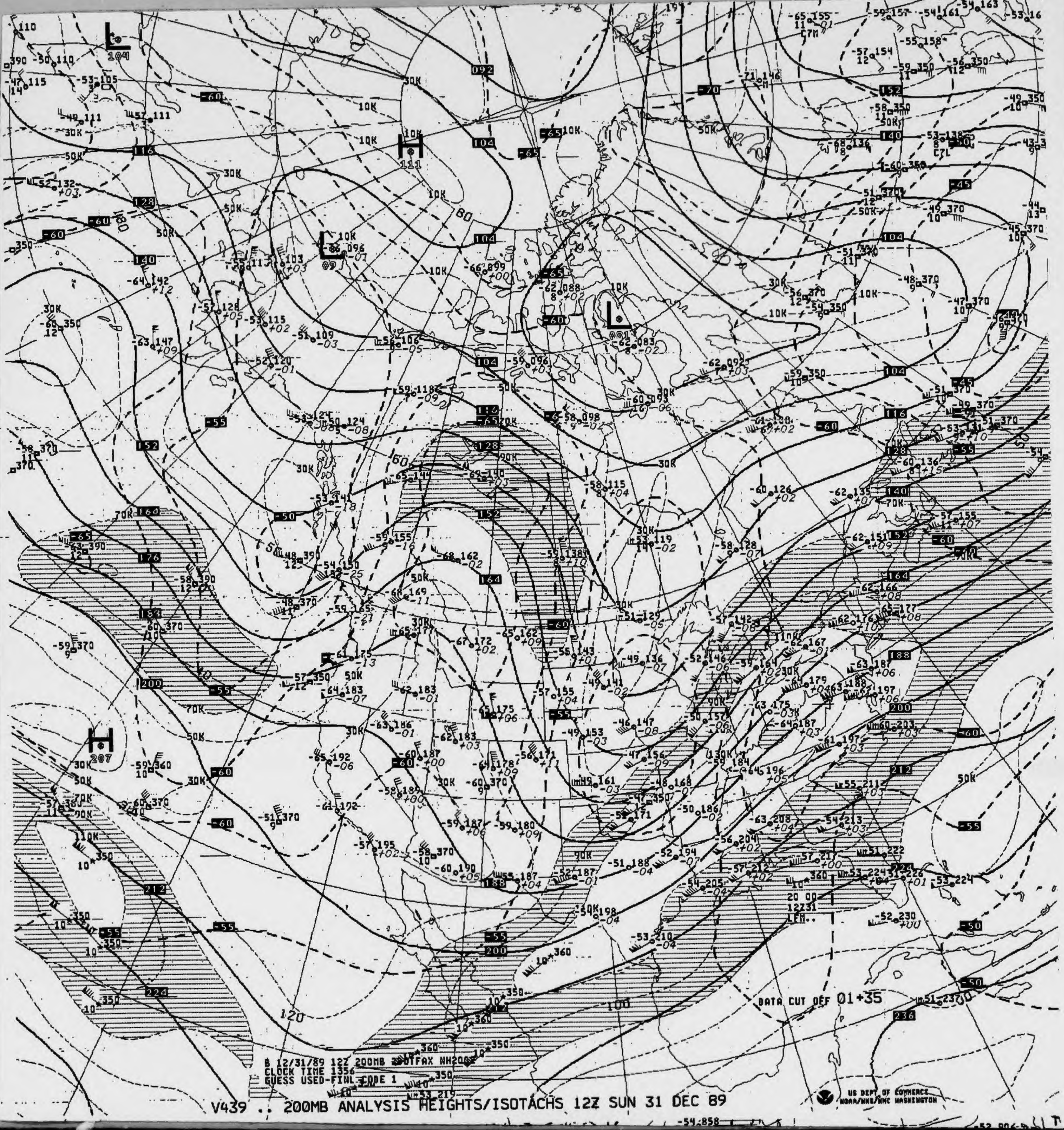
70K
90K
110K
120
140
80
DATA CUT OFF 01+38
8 12/31/89 00Z 200MB 200TFAX NH2002
CLOCK TIME 156
GUESS USED-FINC CODE I
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 31 DEC 89


H
111
L
096
L
081
L
109
H
207
DATA CUT OFF 01+35
20 00
12Z31
LFM..

B 12/31/89 12Z 200MB ~~2~~0TFAX NH200
CLOCK TIME 1356
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 31 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

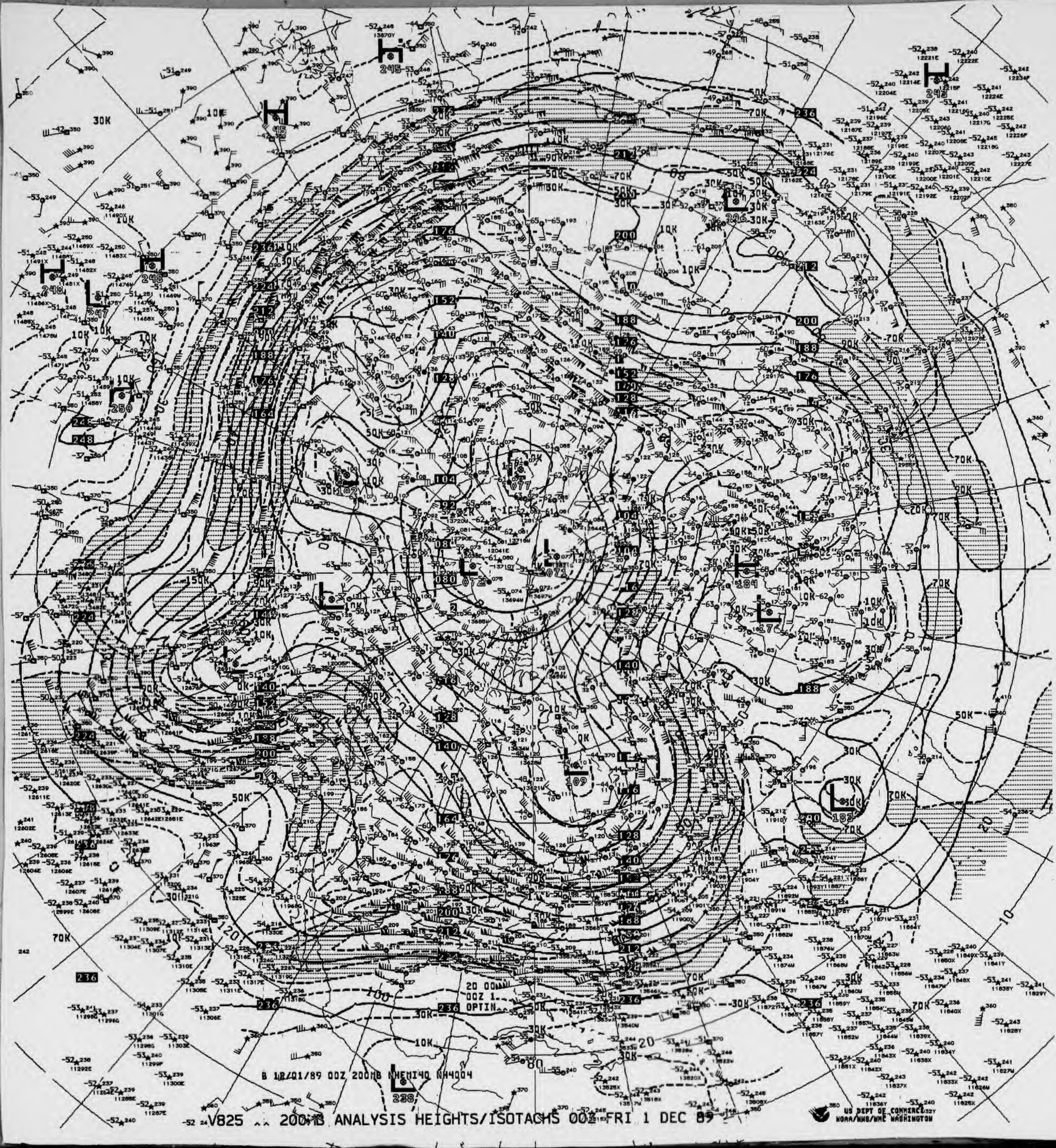
NOAA Form 48 - 365B
(Rev. 8- 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

200 MB CONSTANT PRESSURE CHARTS

NORTHERN HEMISPHERE NWP

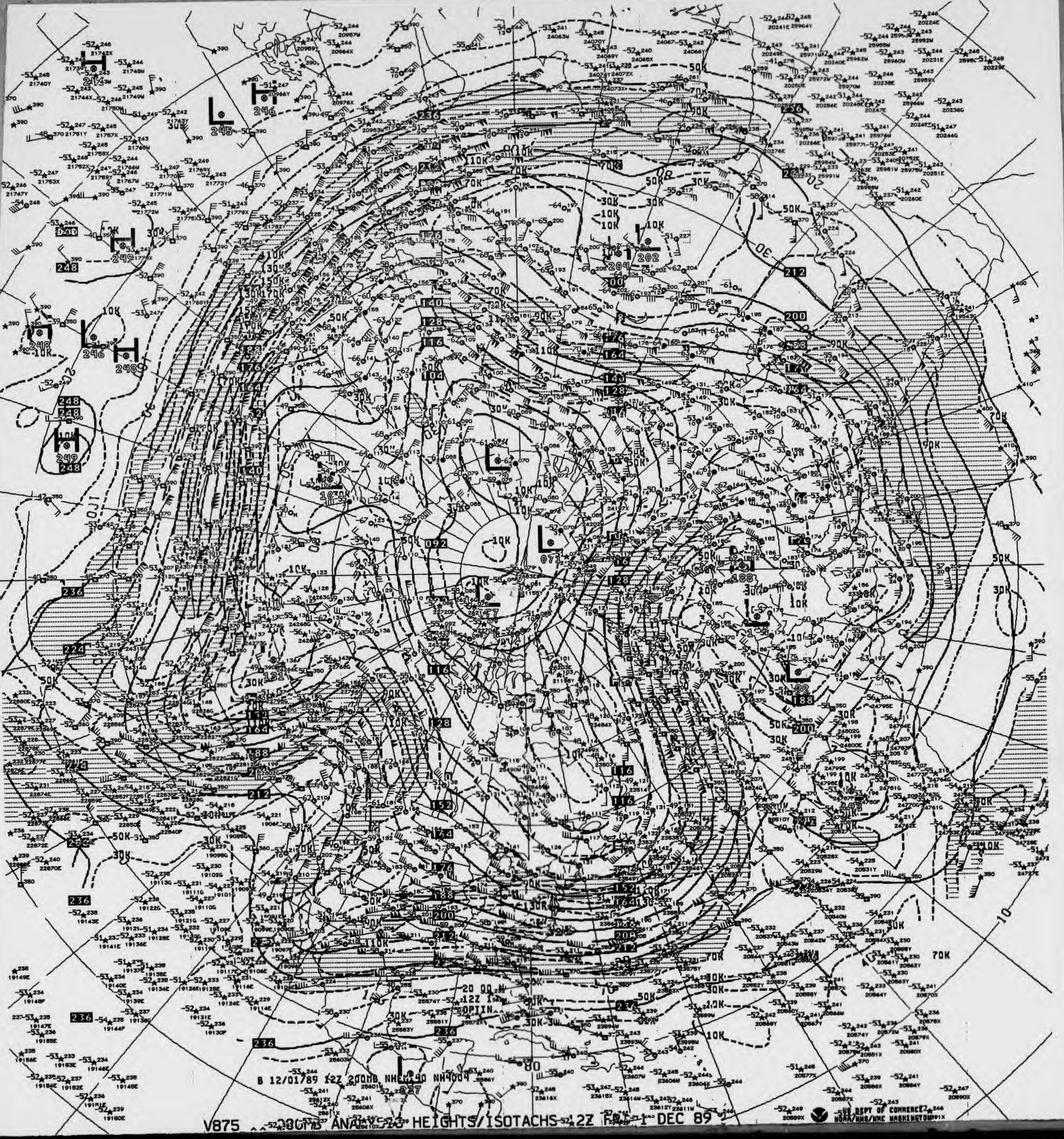
ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING



B 12/01/89 00Z 200MB NHEMI40 NH4004

V825 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 1 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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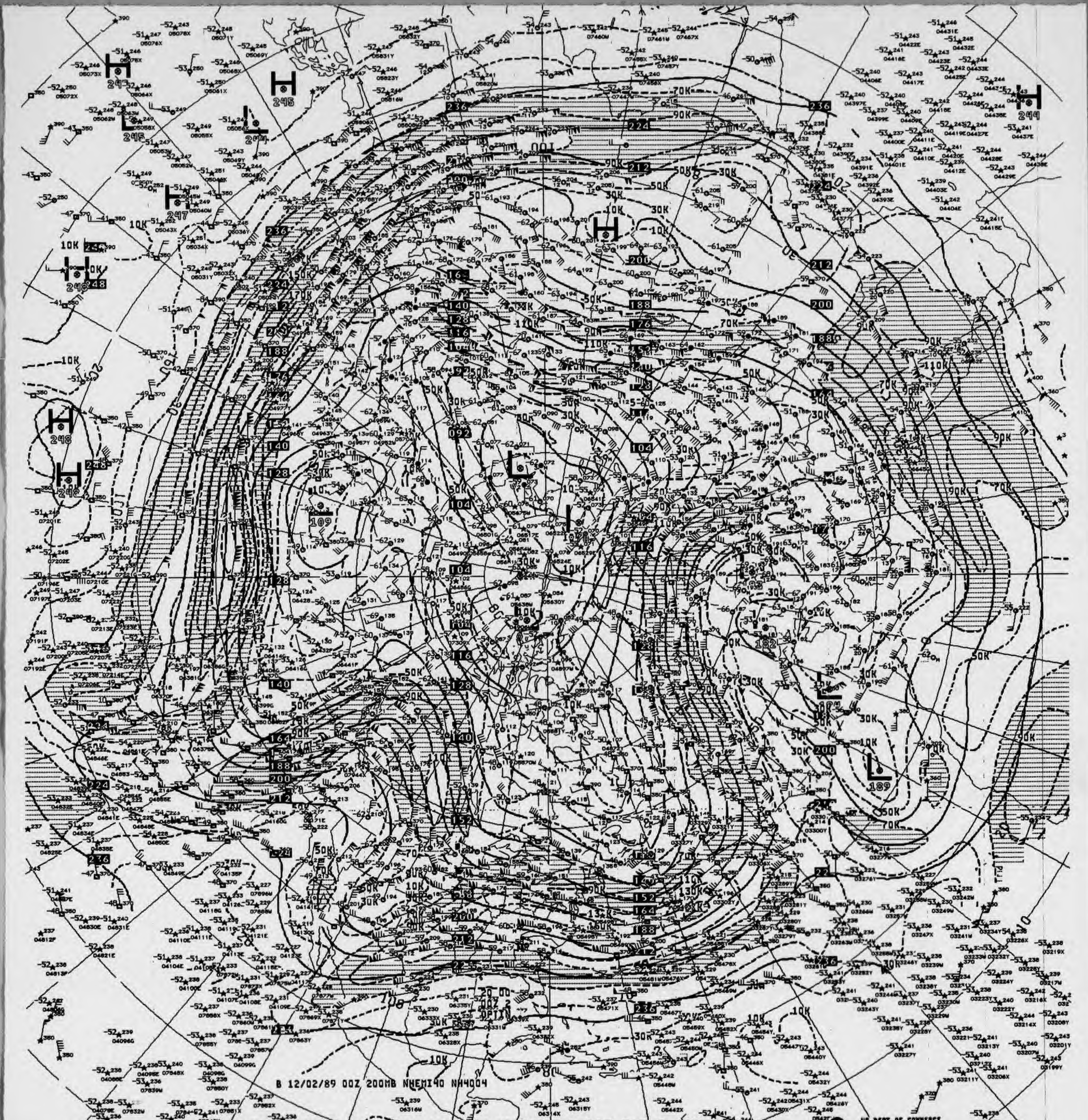
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

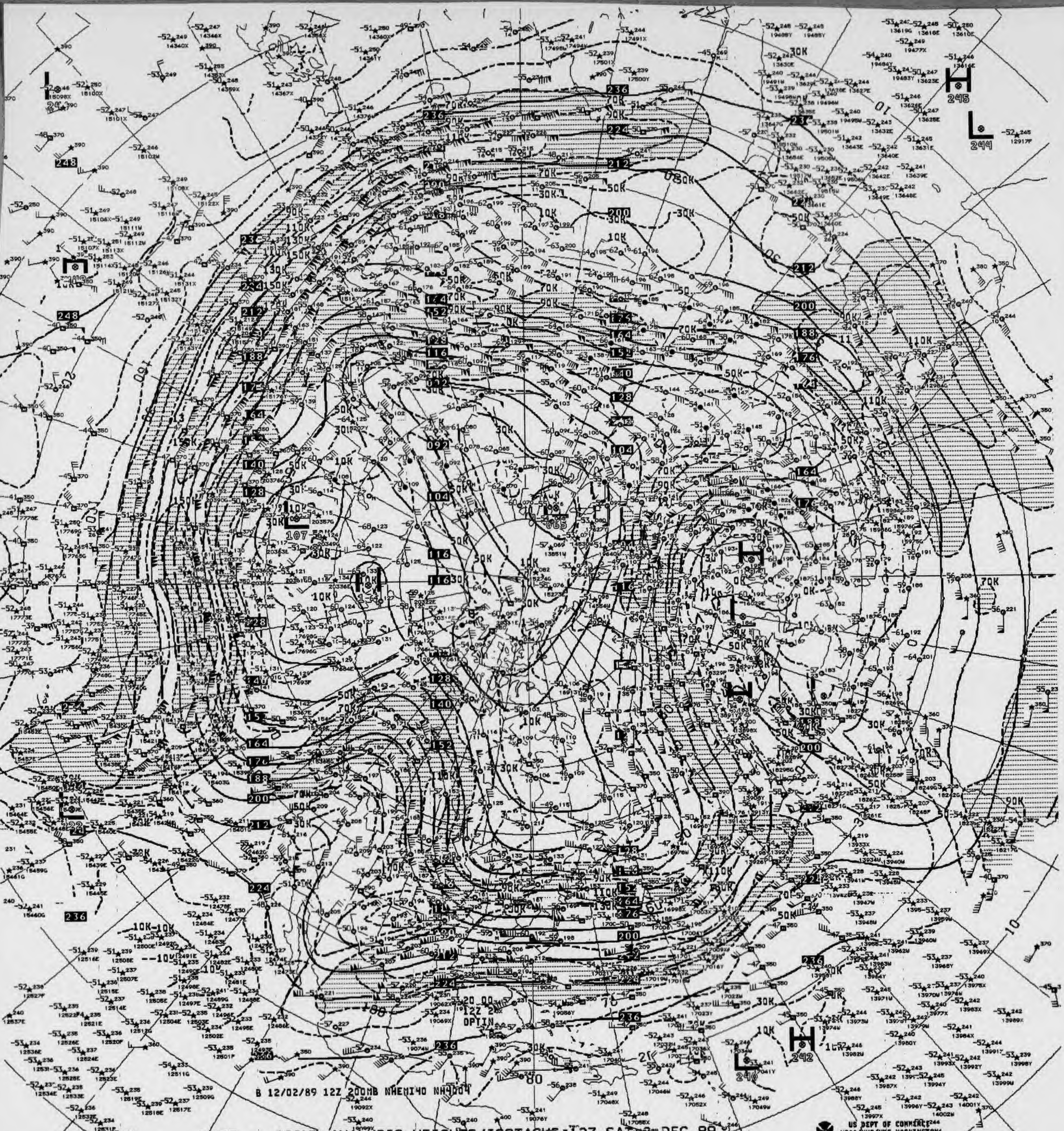
V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 1 DEC 89



B 12/02/89 00Z 200MB NHEMI40 NH4004

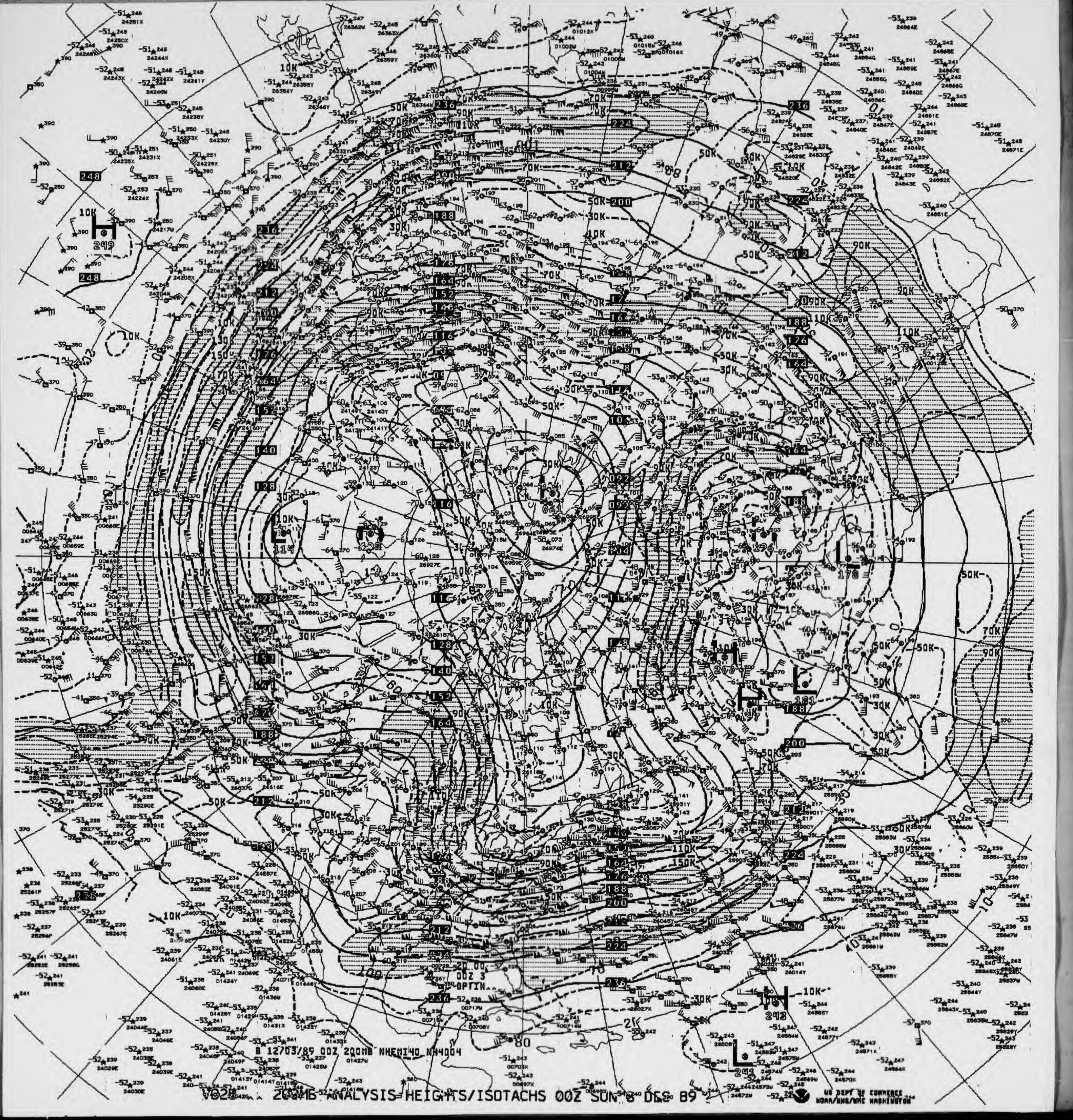
V823 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 2 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/02/89 12Z 200MB NHEM140 NH4004

V875 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 2 DEC 89

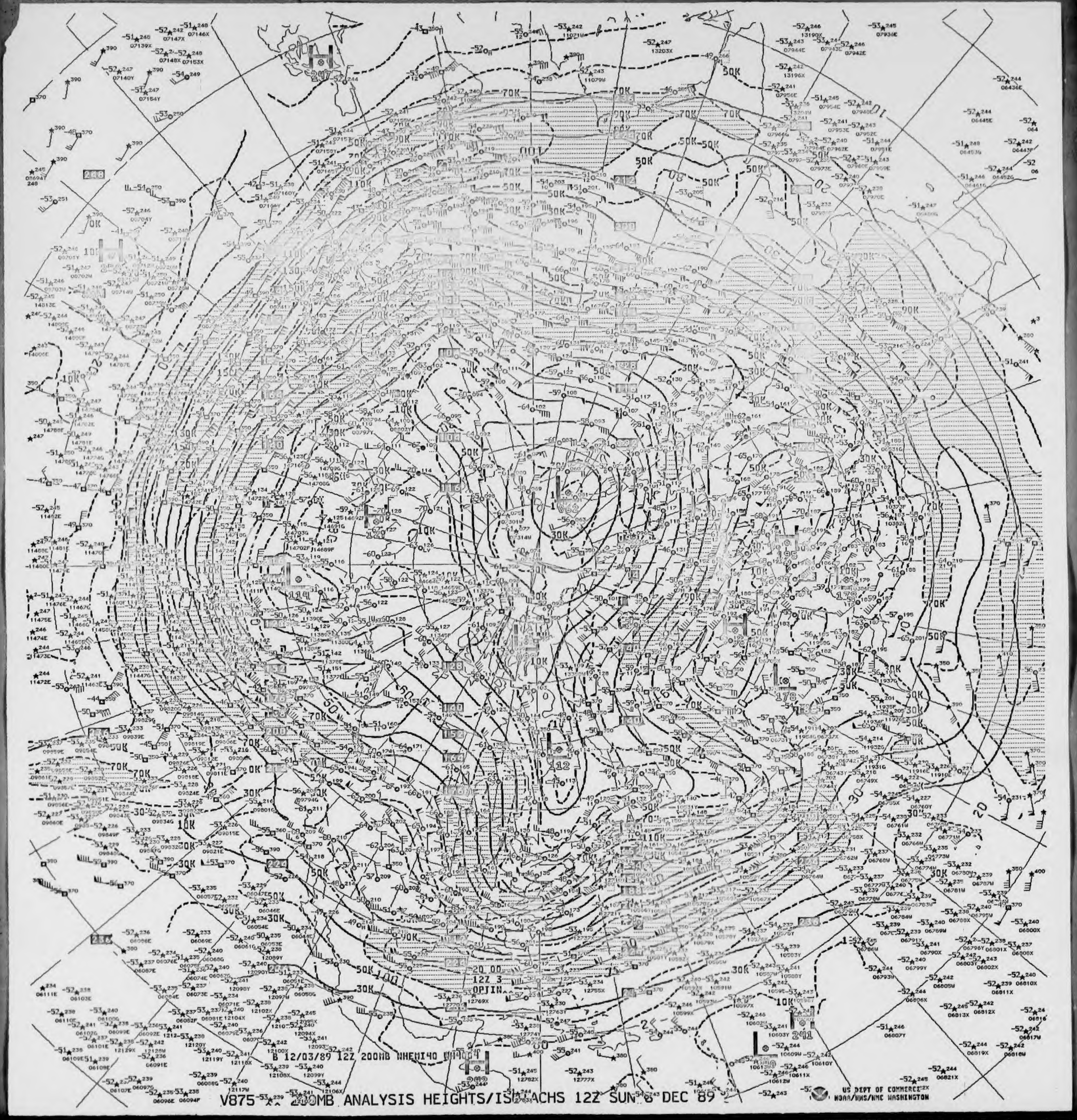
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/03/89 00Z 200MB NHEMI40 NH4004

V028 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 3 DEC 89

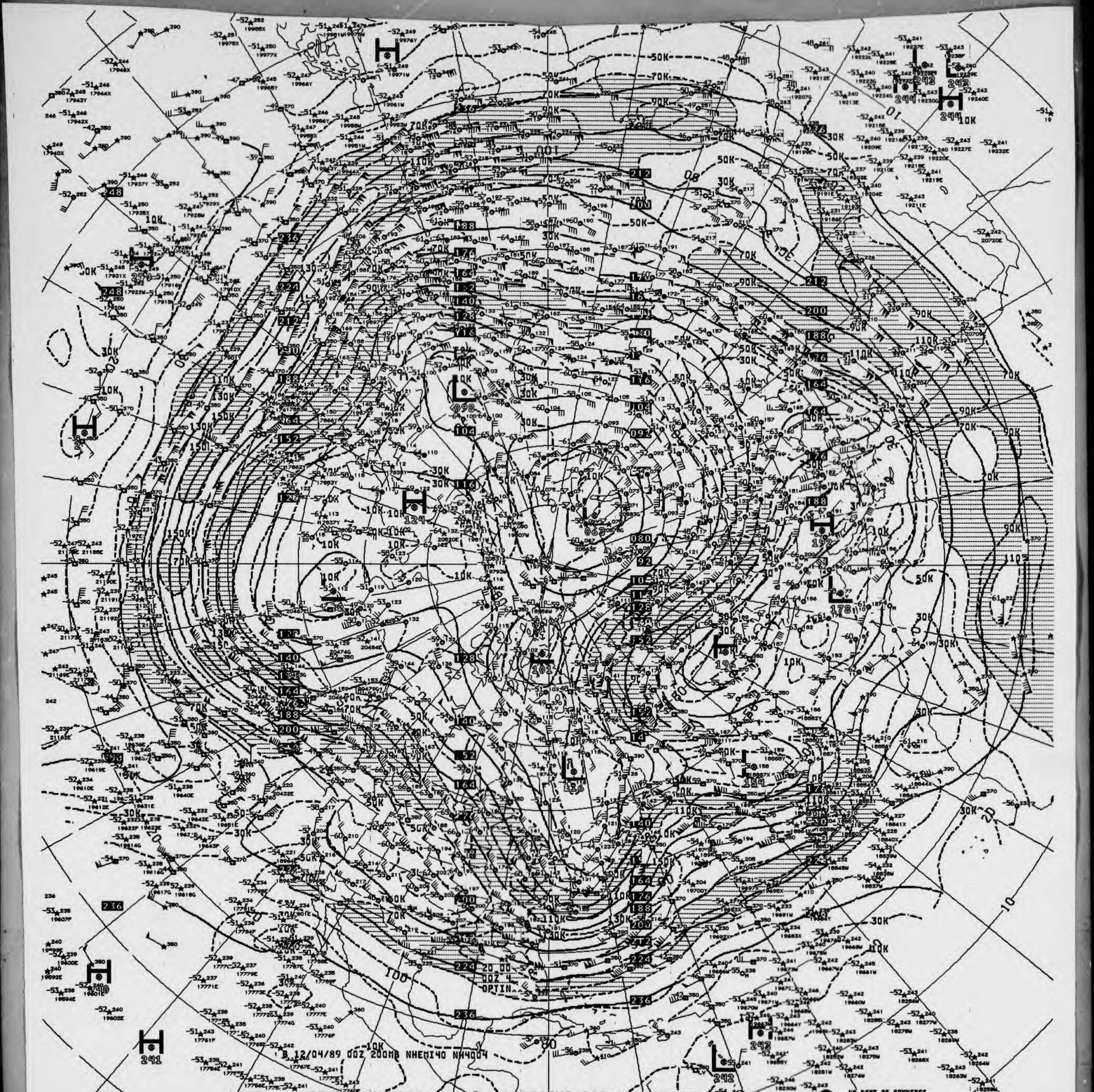
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/03/89 12Z 200MB NHEMI40 WWHC04

V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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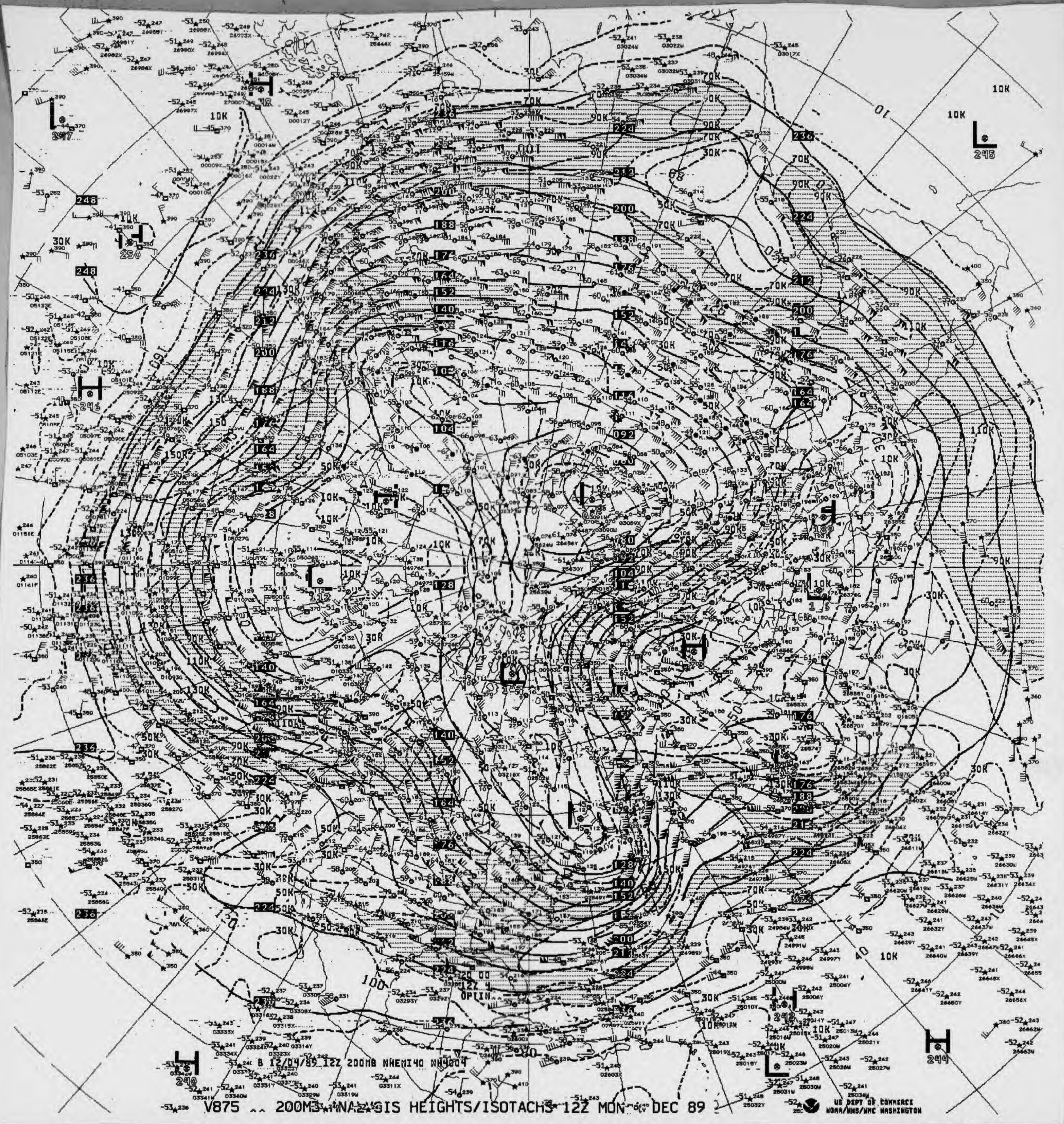
00Z 4
OPTIN

V825 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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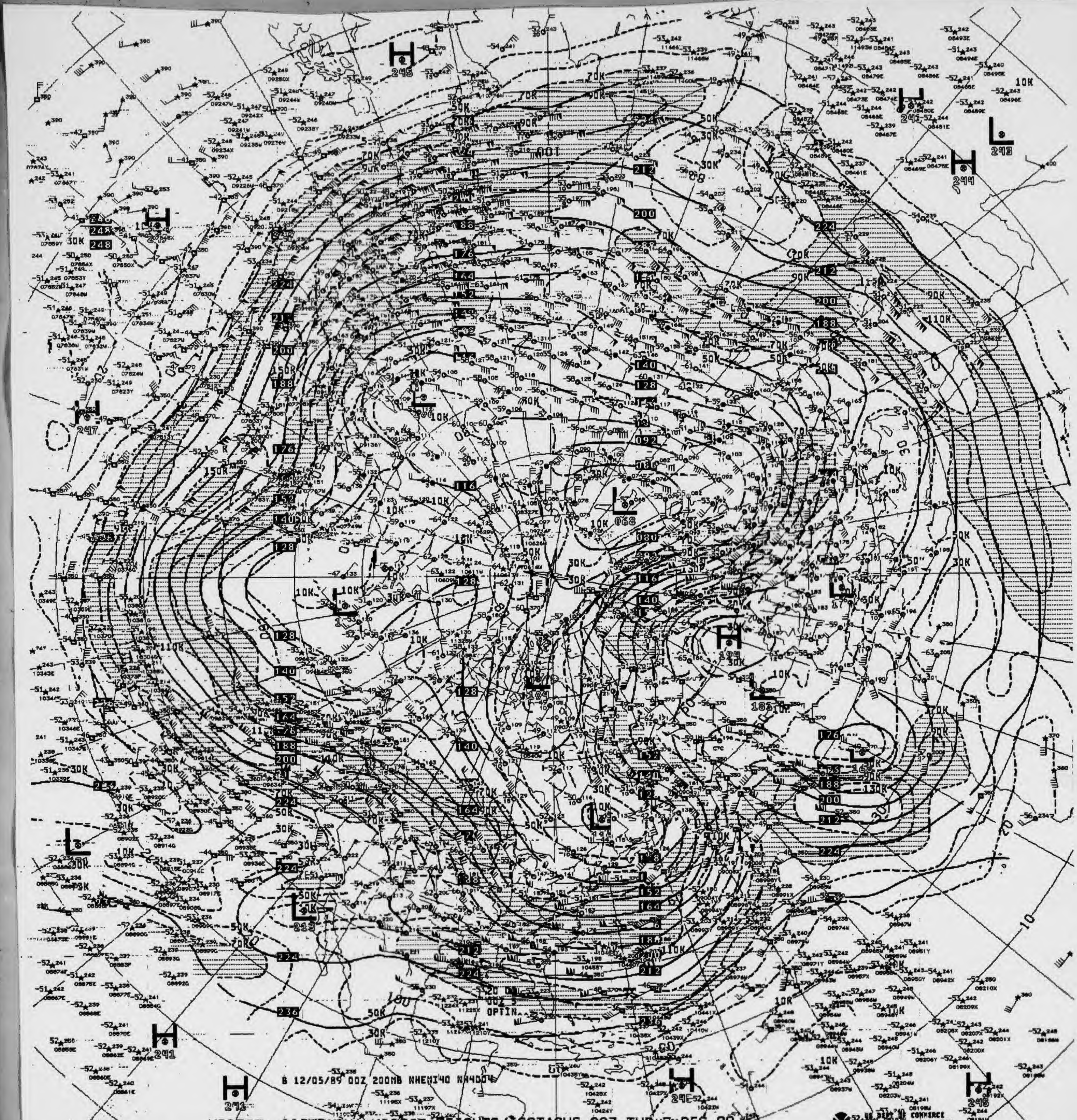
12Z 4
OPTIN

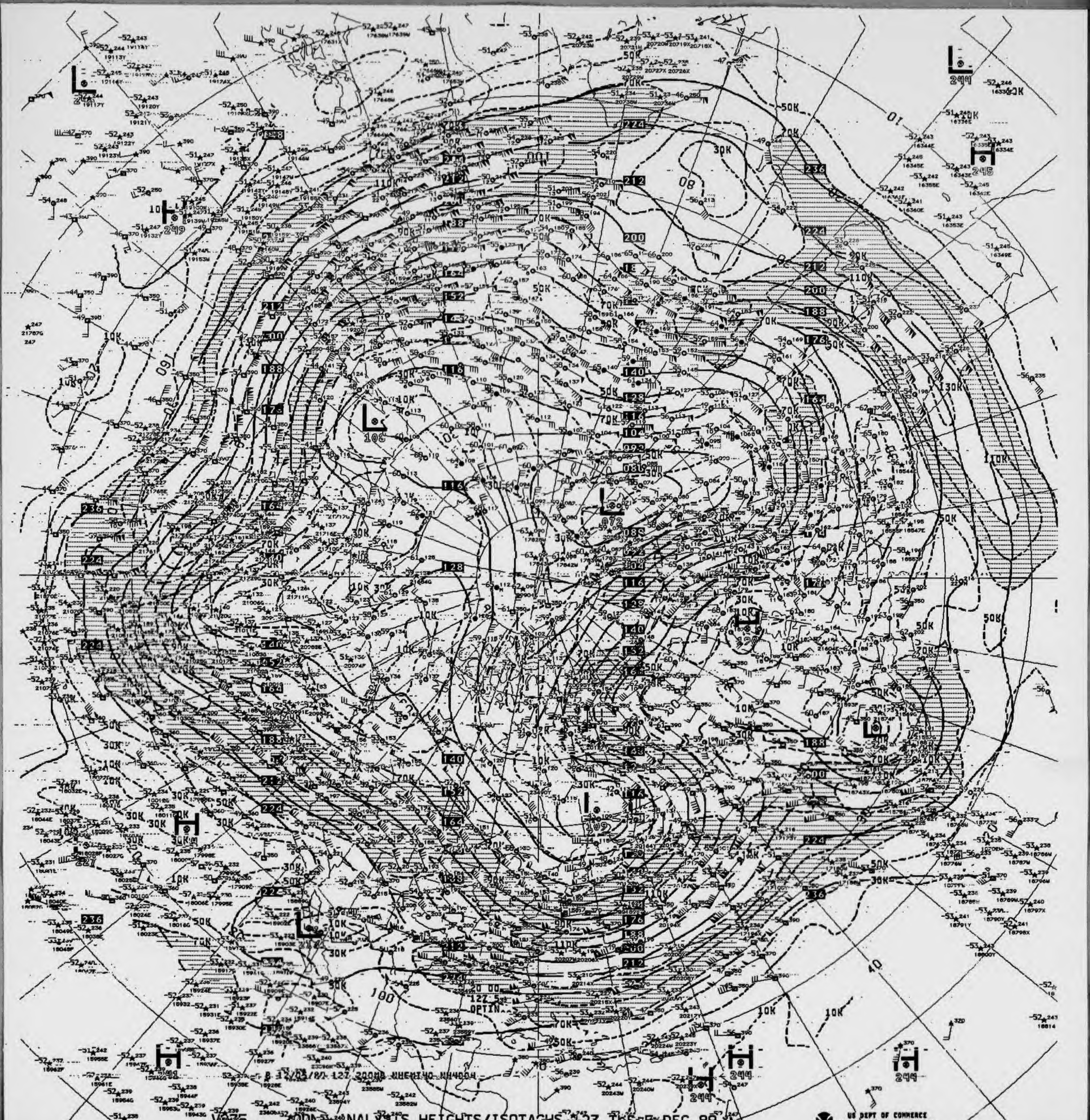
V875 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/05/89 00Z 200MB NHEMI40 NH4004

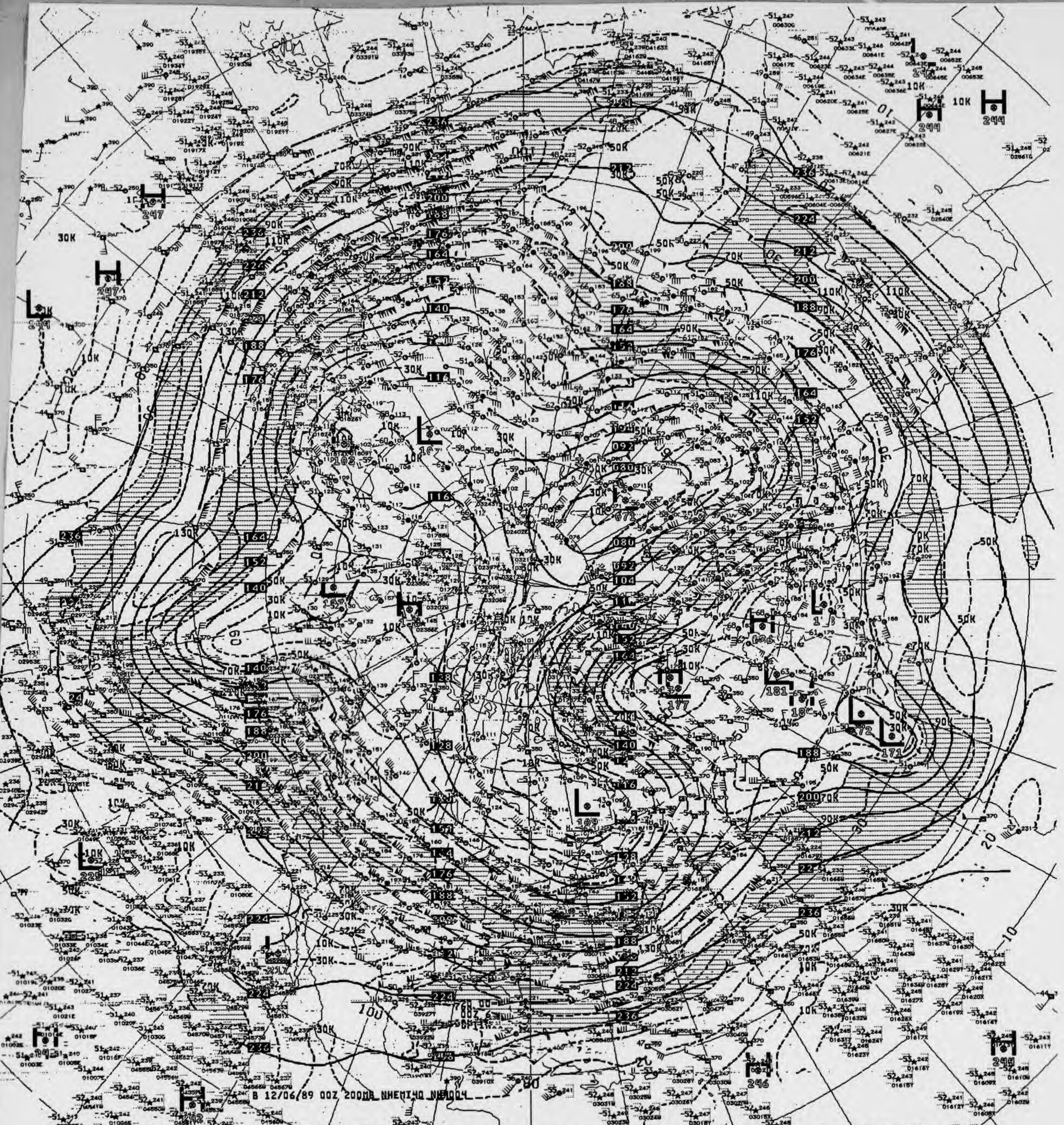
V825 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


12/05/89 12Z 200MB NHEMI40 NH400H
122 5
OPTIN

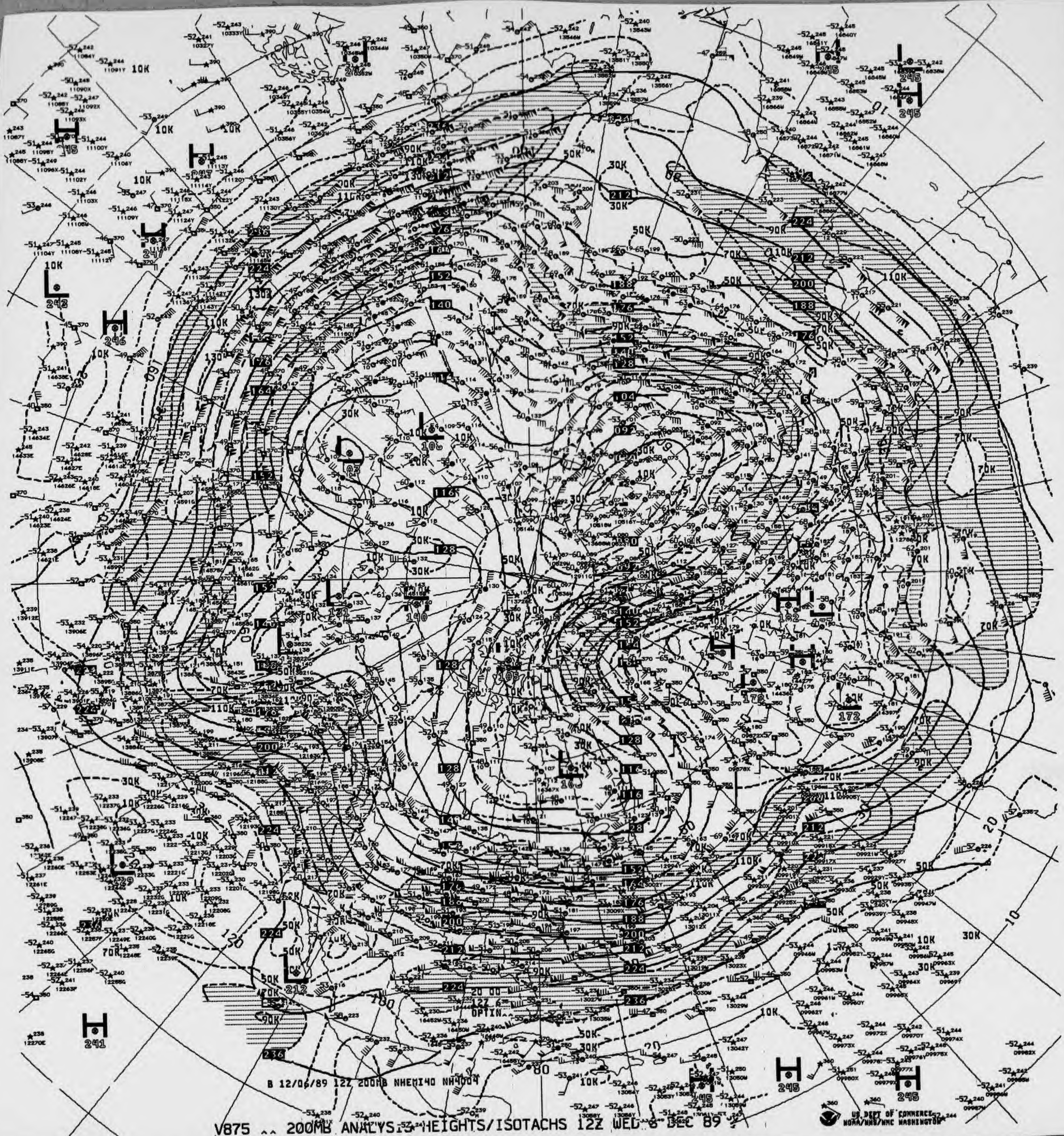
V875 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

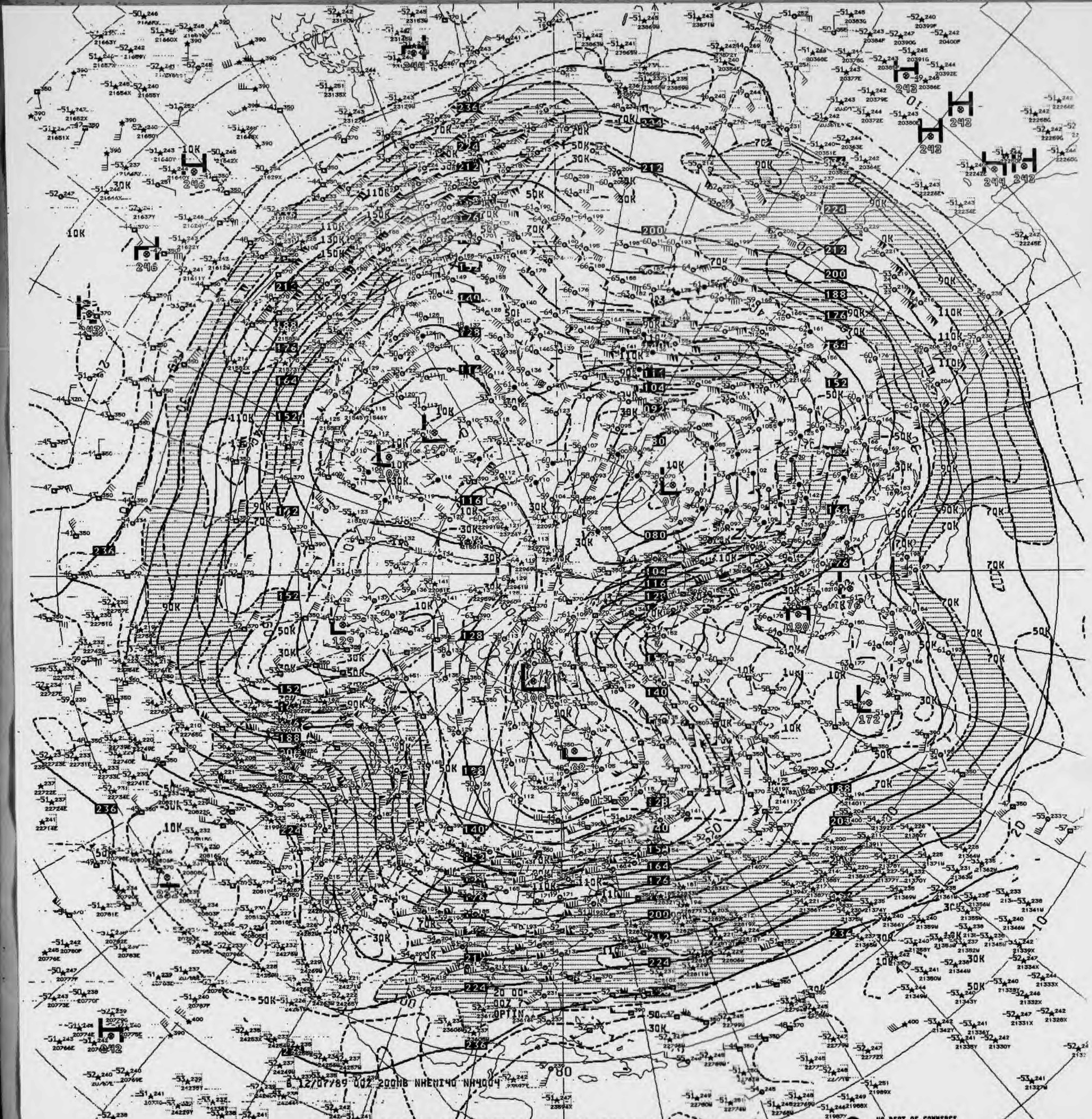

B 12/06/89 00Z 200MB NHEMI40 NWB004
H
L
10K
30K
50K
70K
90K
110K
130K
100
20
10

V825 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 6 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

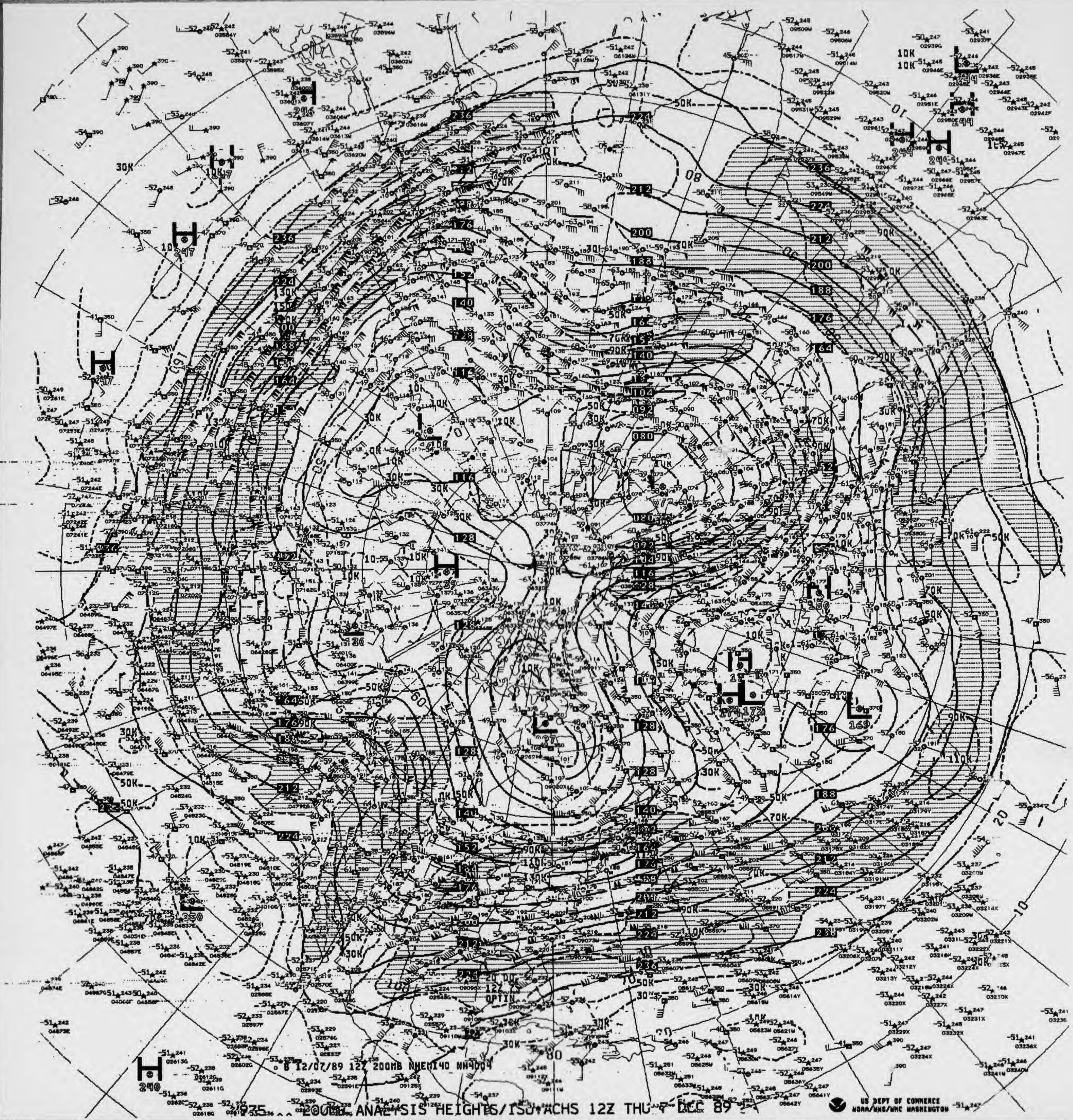

B 12/06/89 12Z 200MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V875 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 6 DEC 89


6 12/07/89 00Z 200MB NHEM140 NH4004

V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 7 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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20 DEC 12Z
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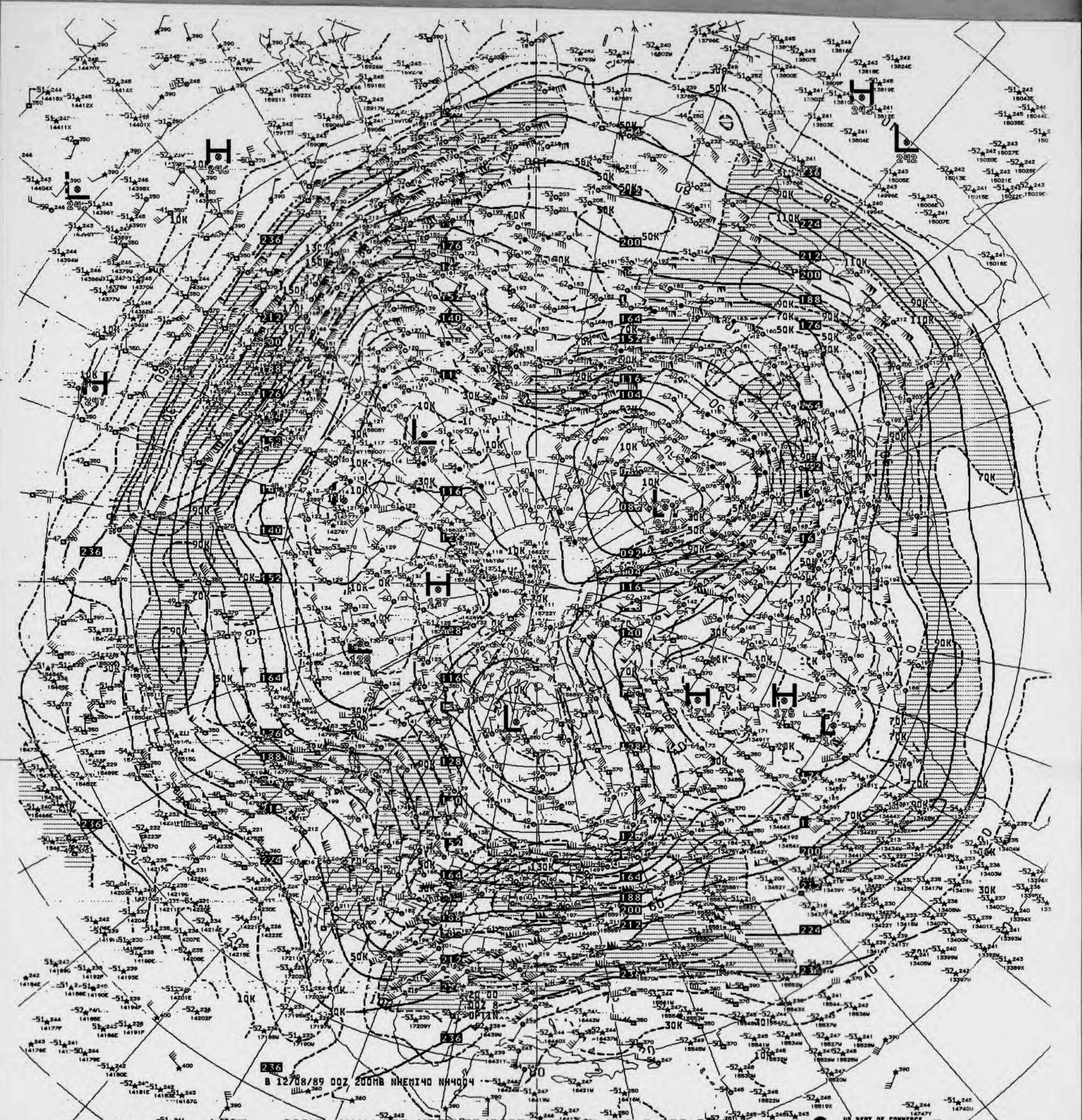
1975 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 7 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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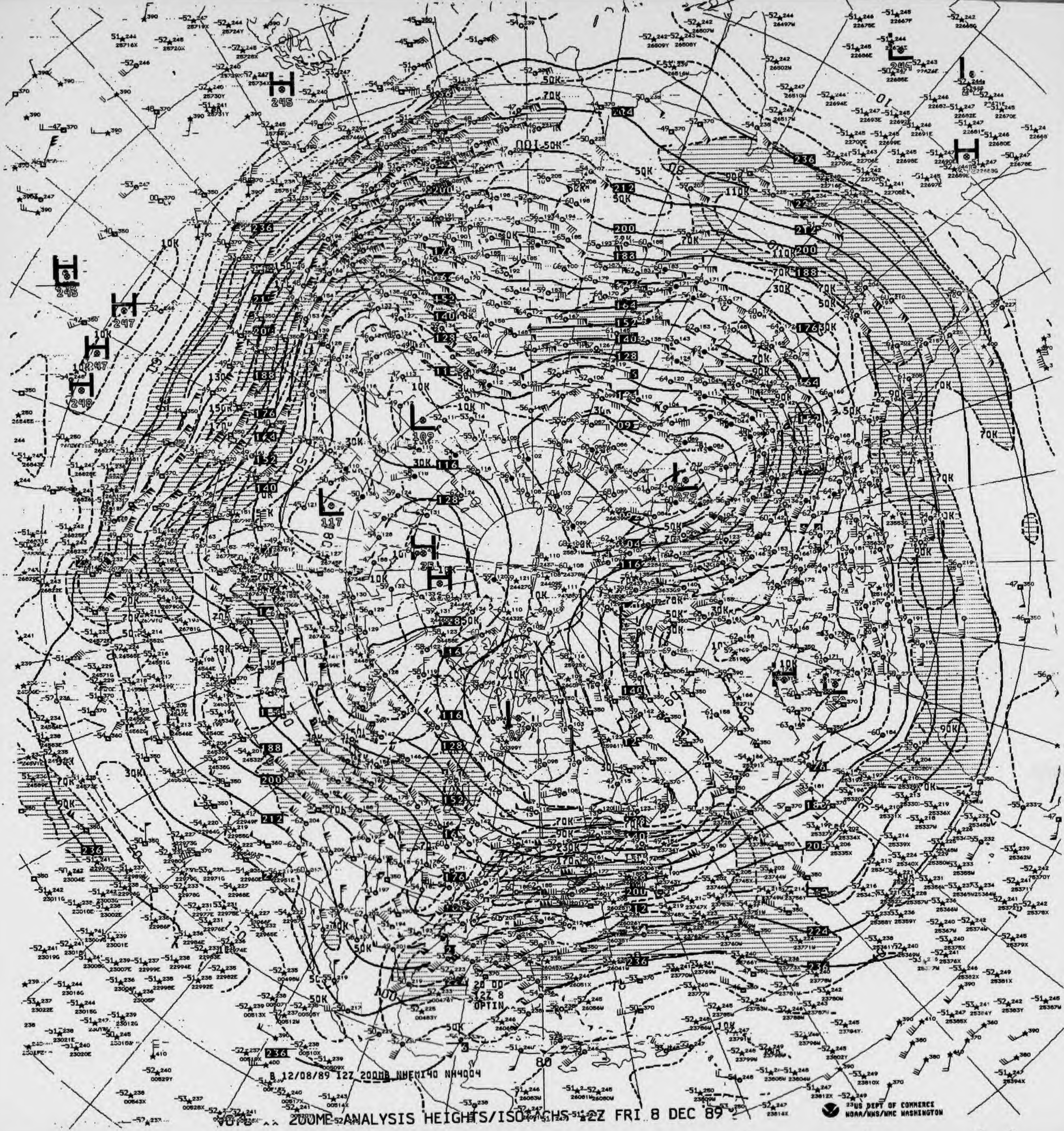
V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 245
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H 247
H 247
H 248
L 109
L 117
L 079
H
L 245
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110K
130K
150K
236
224
212
200
188
176
164
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128
116
104
092
20 00
12Z 8
OPTIN
80

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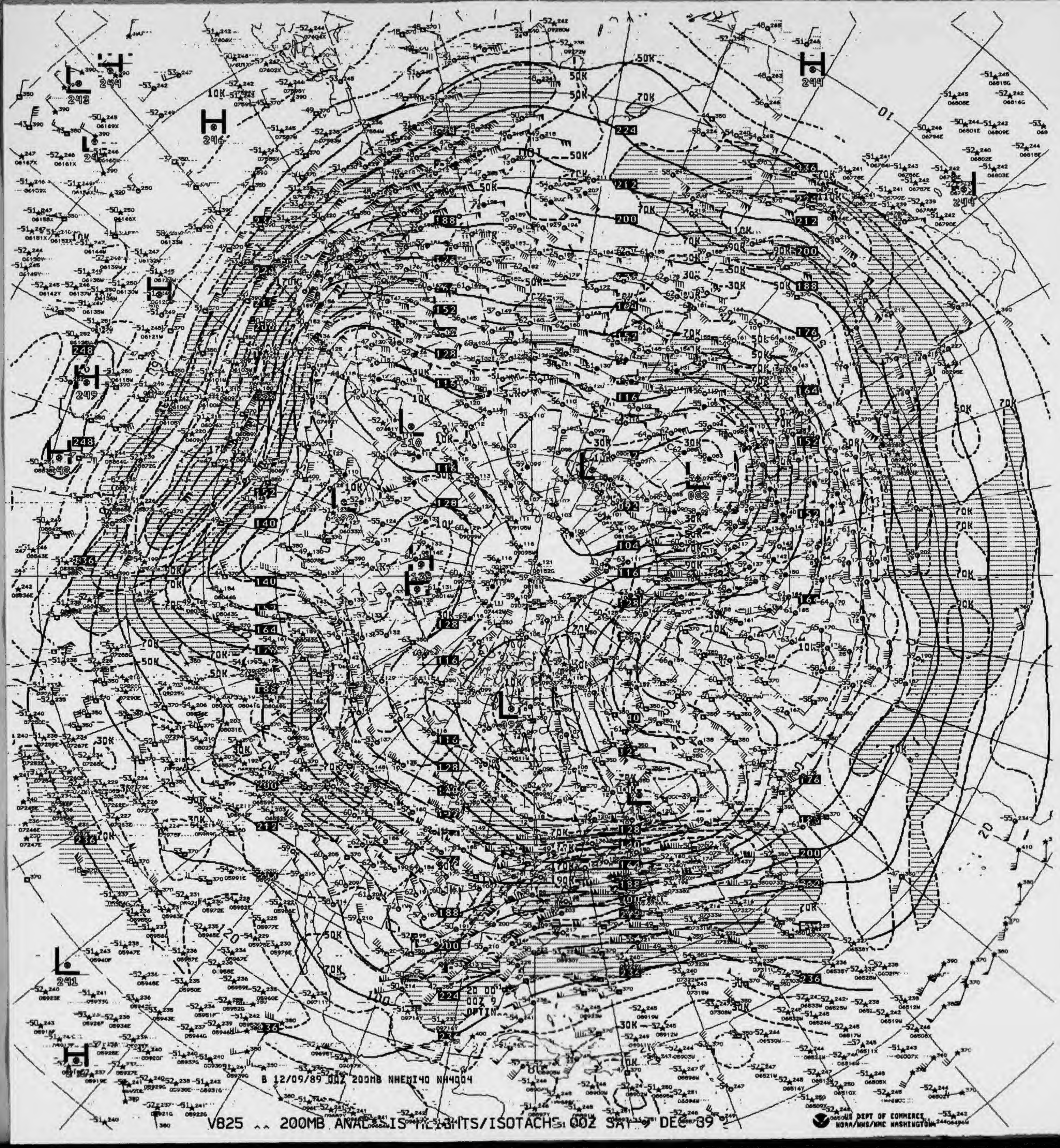
200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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NOAA/NWS/NMC WASHINGTON
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L
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L
082
L
097
H
138
H
10K
30K
50K
70K
90K
110K
224
212
200
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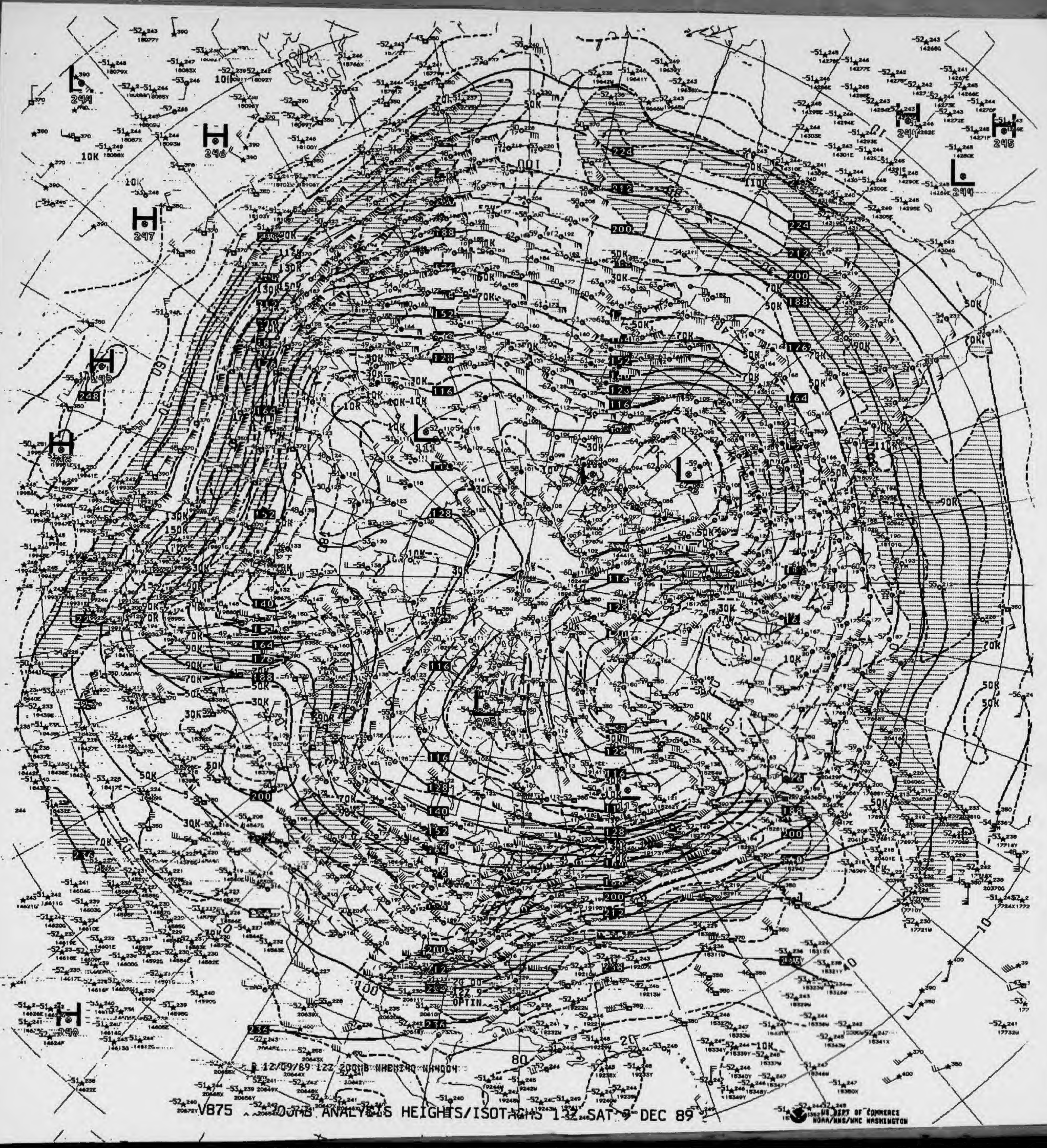
128
116
104
20 00
00Z 9
OPTIN

V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 9 DEC 89



V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 9 DEC 89

12/09/89 12Z 200MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
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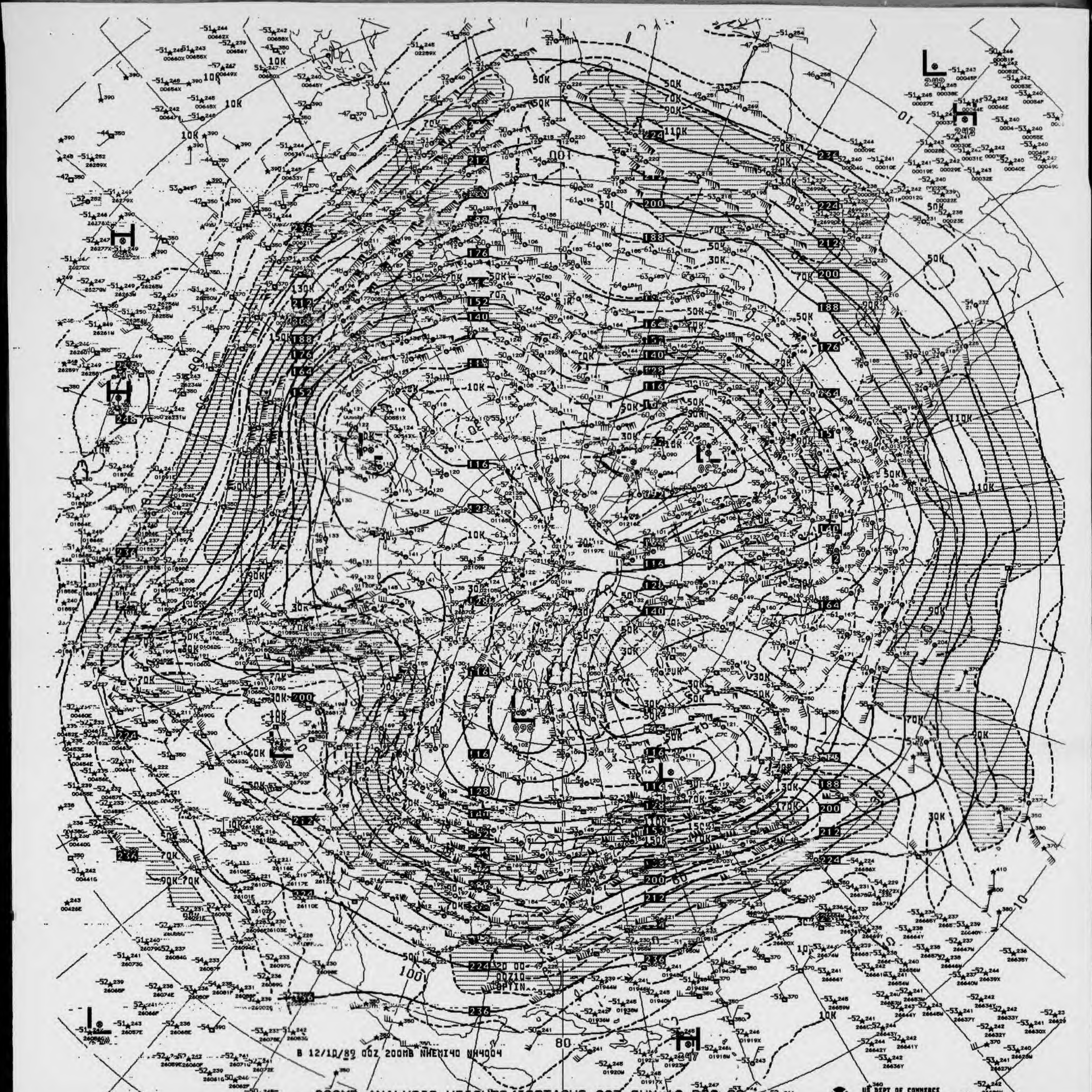
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188
176
164
152
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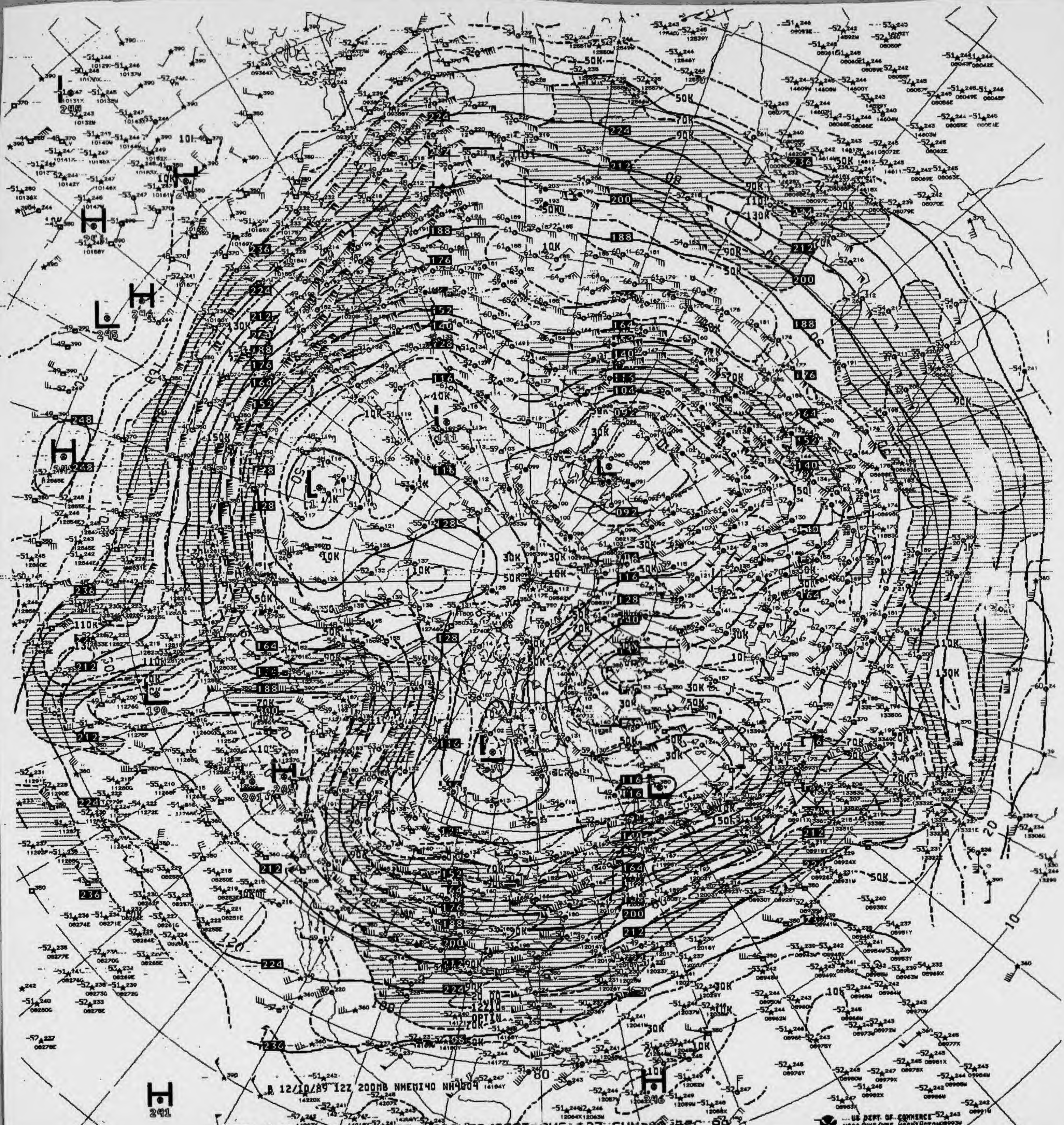
OPTIN

V825 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 10 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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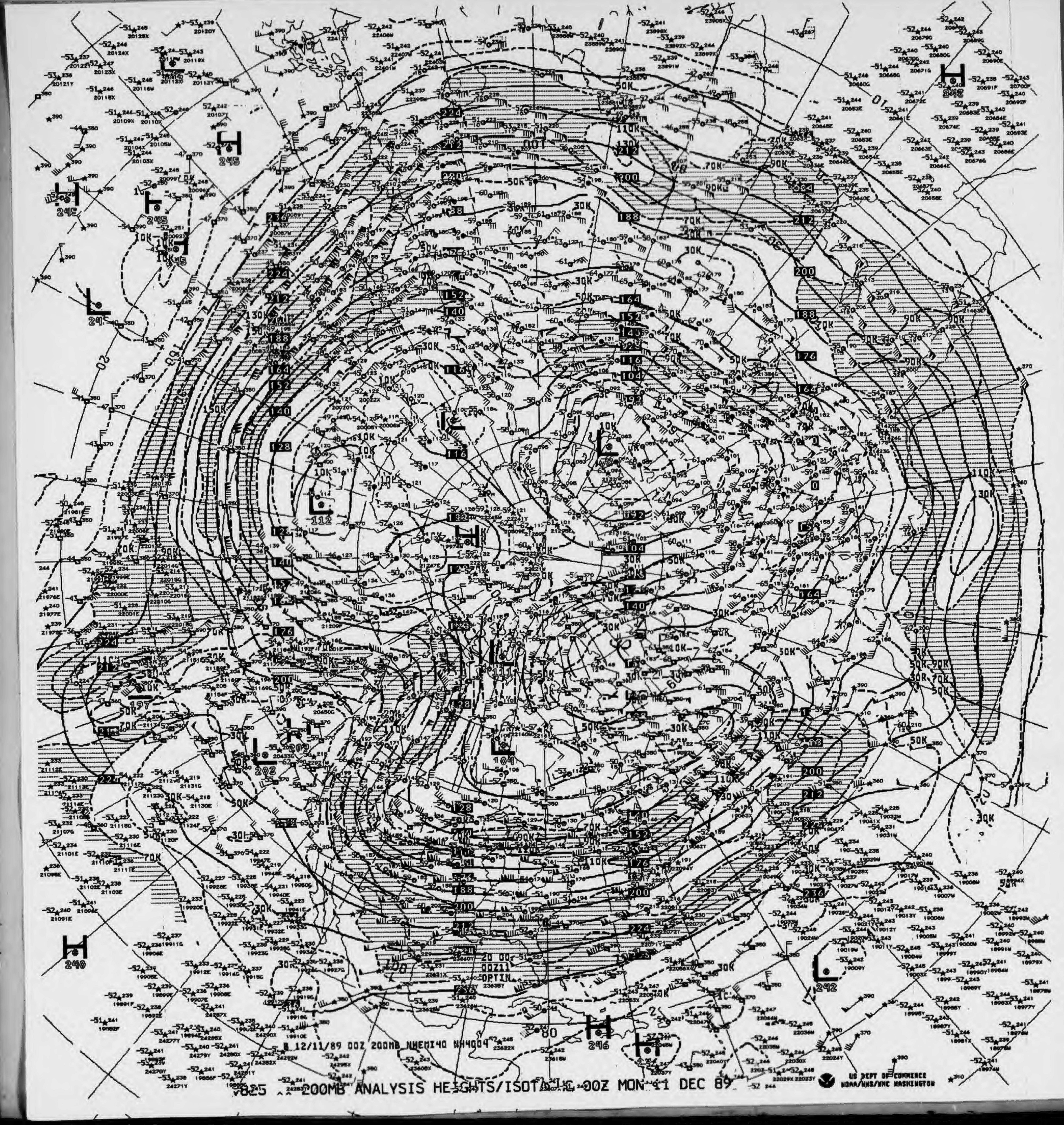
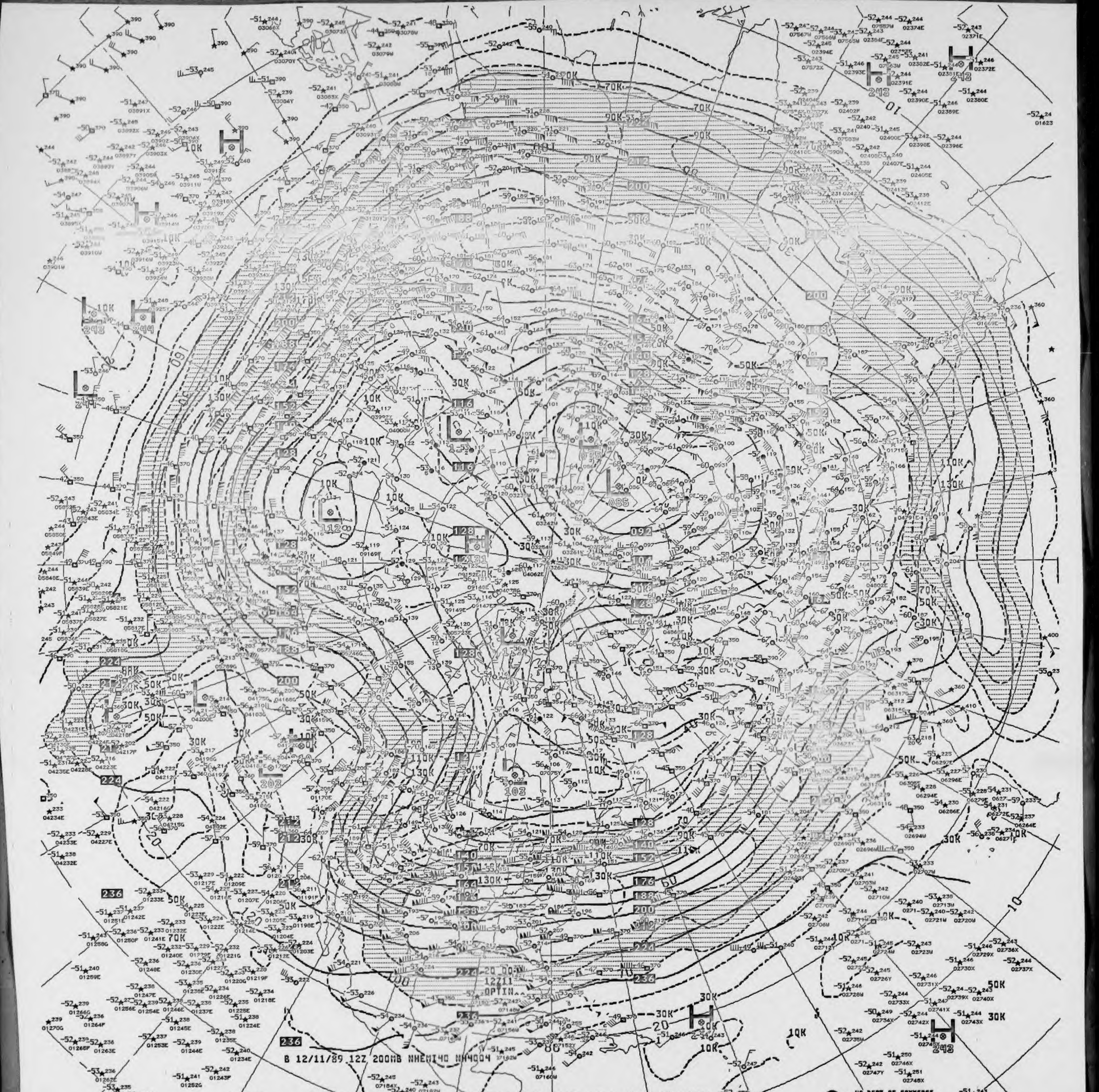
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V075 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 10 DEC 89

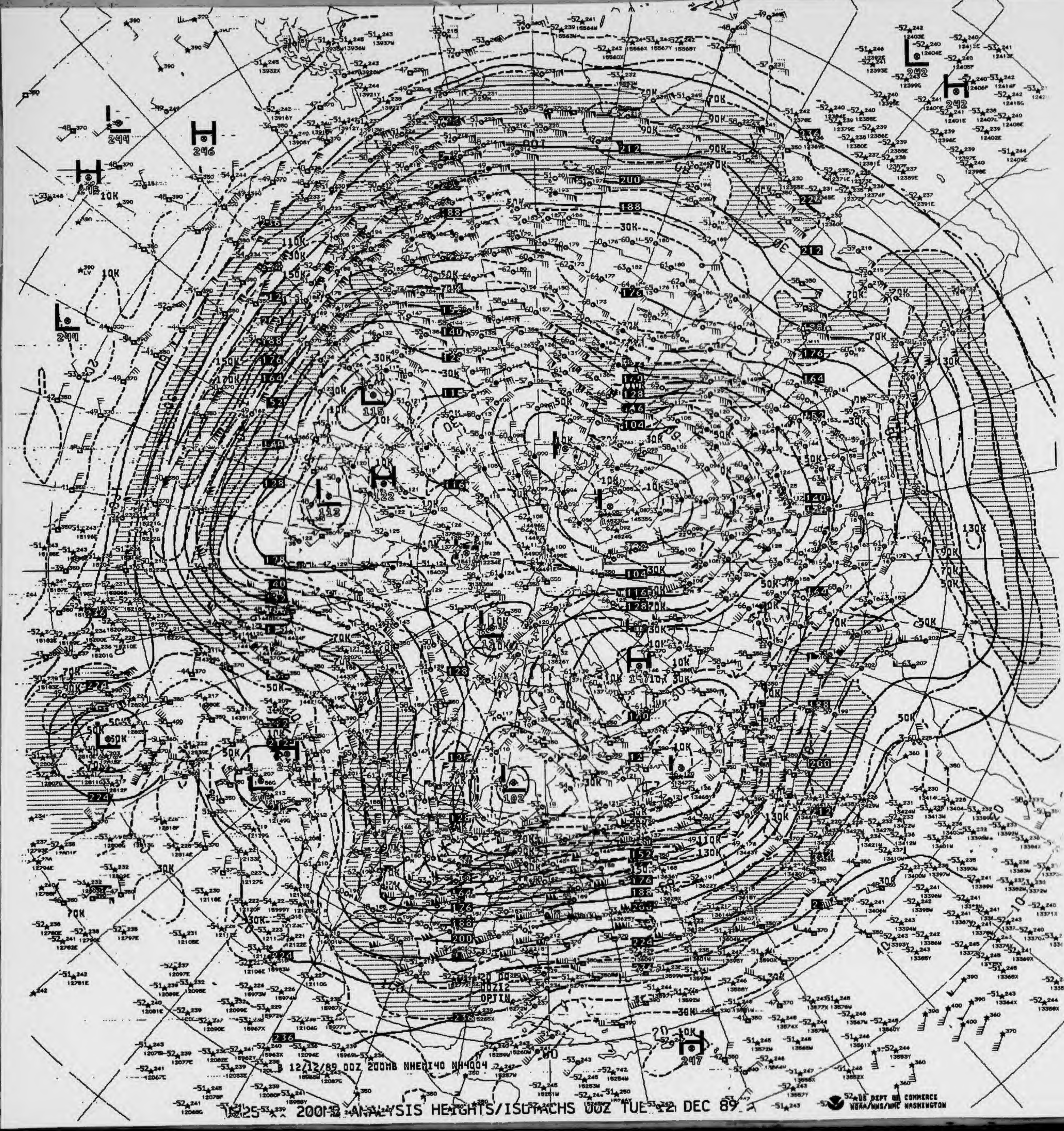

B 12/11/89 00Z 200MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V825 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 11 DEC 89


B 12/11/89 12Z 200MB NHEMI40 NH4004

V875 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 11 DEC 89

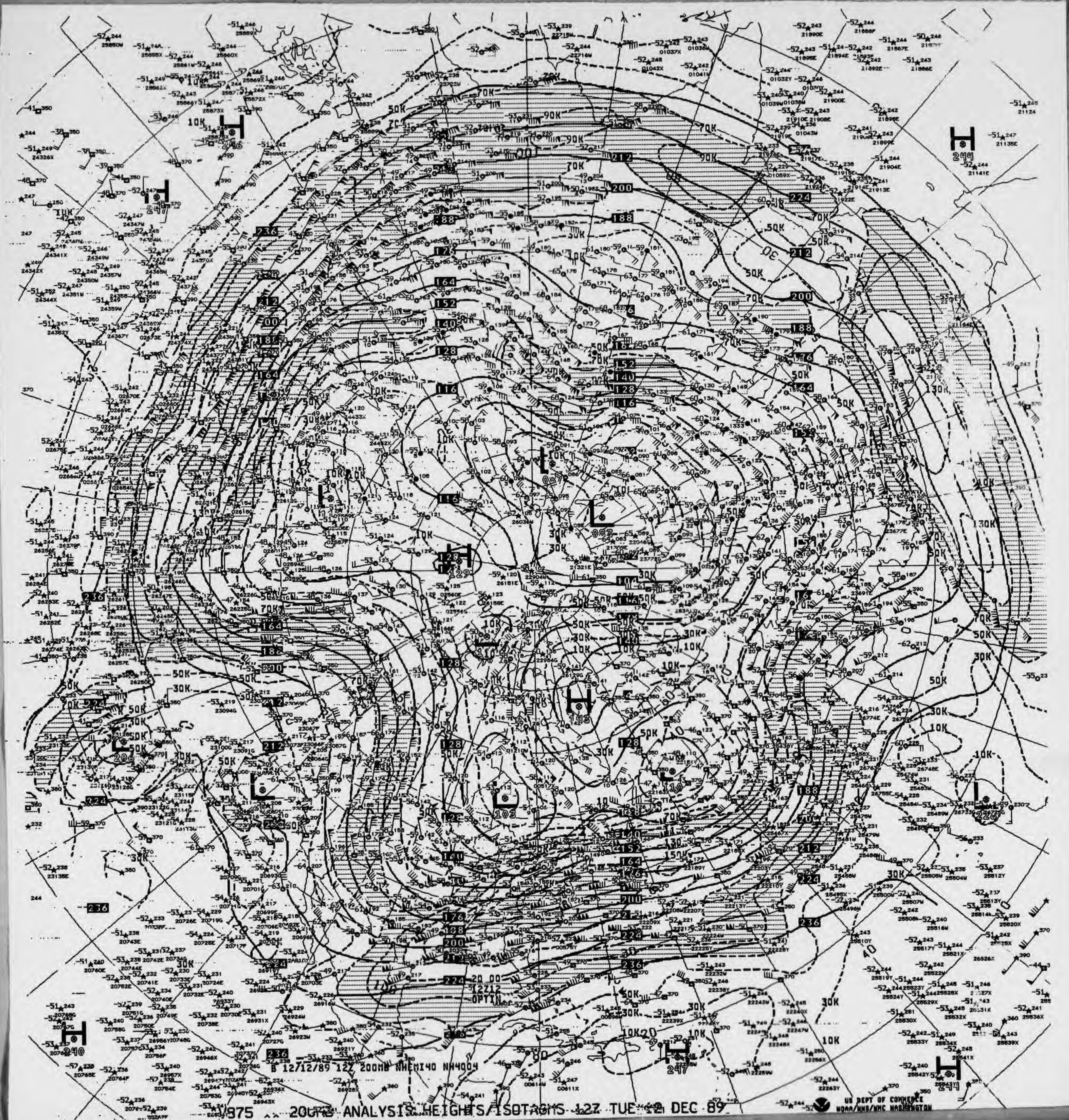
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/12/89 00Z 200MB NHEMI40 NH4004

1125 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 12 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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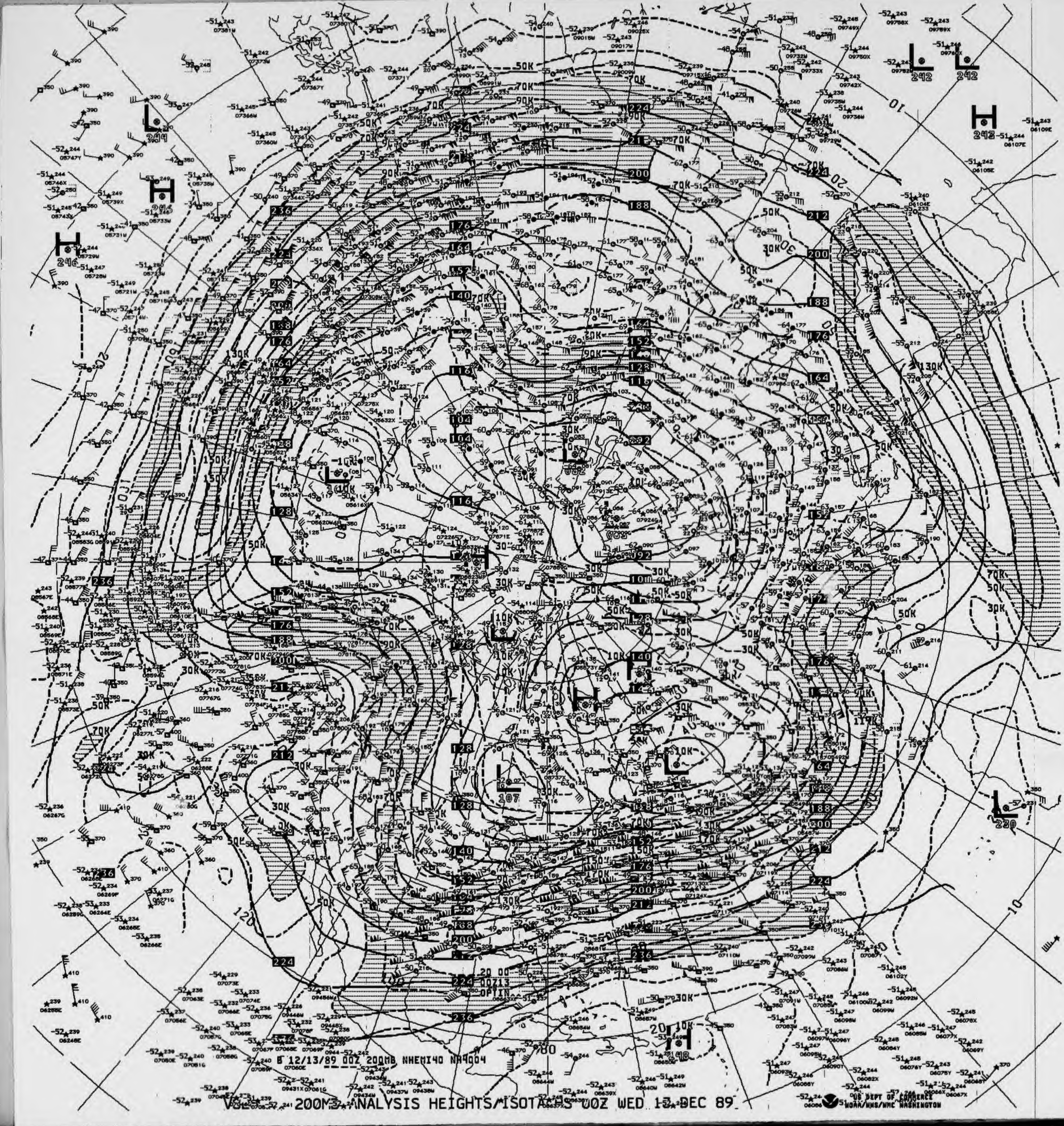
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

1/875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 12 DEC 89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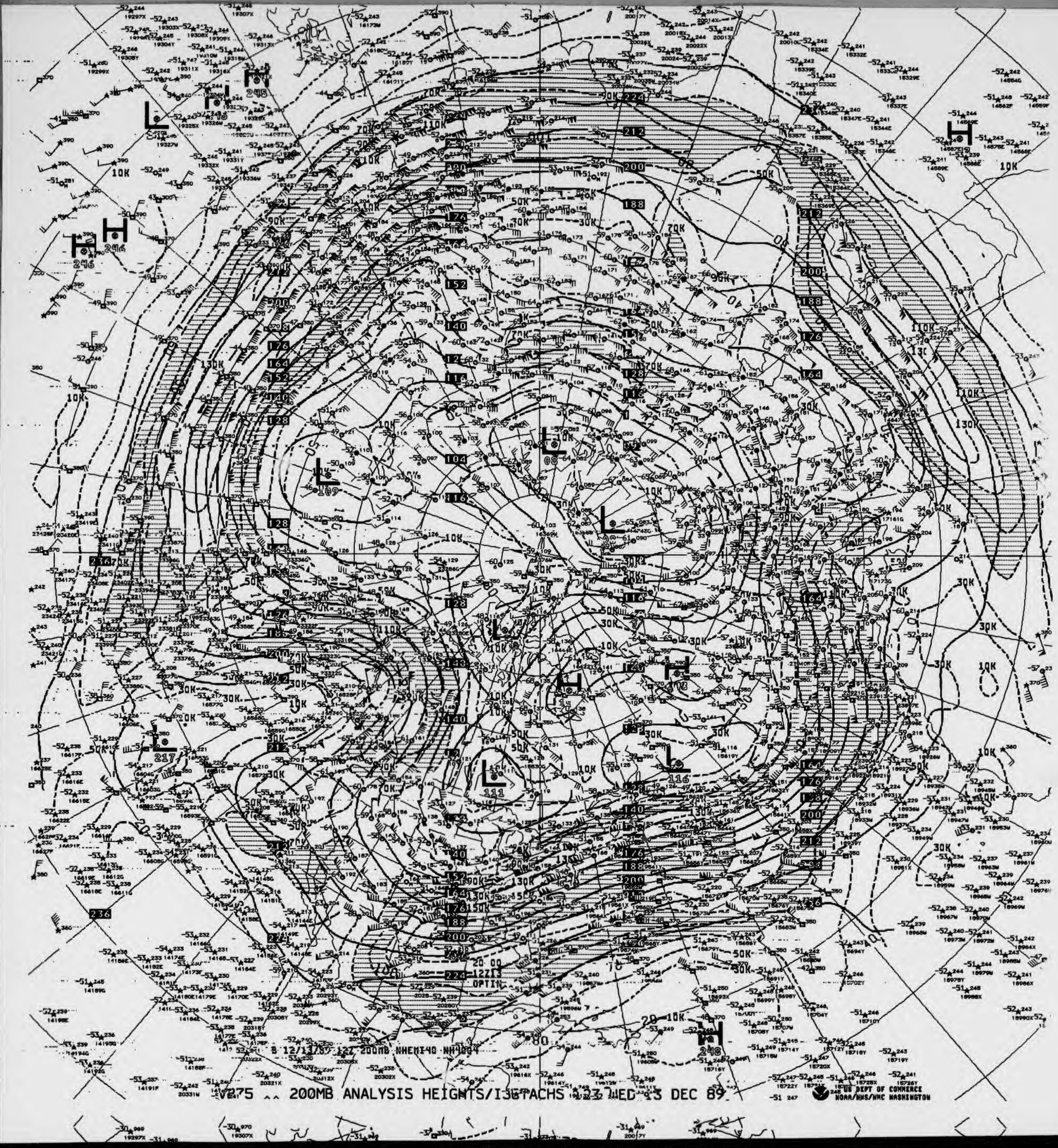
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

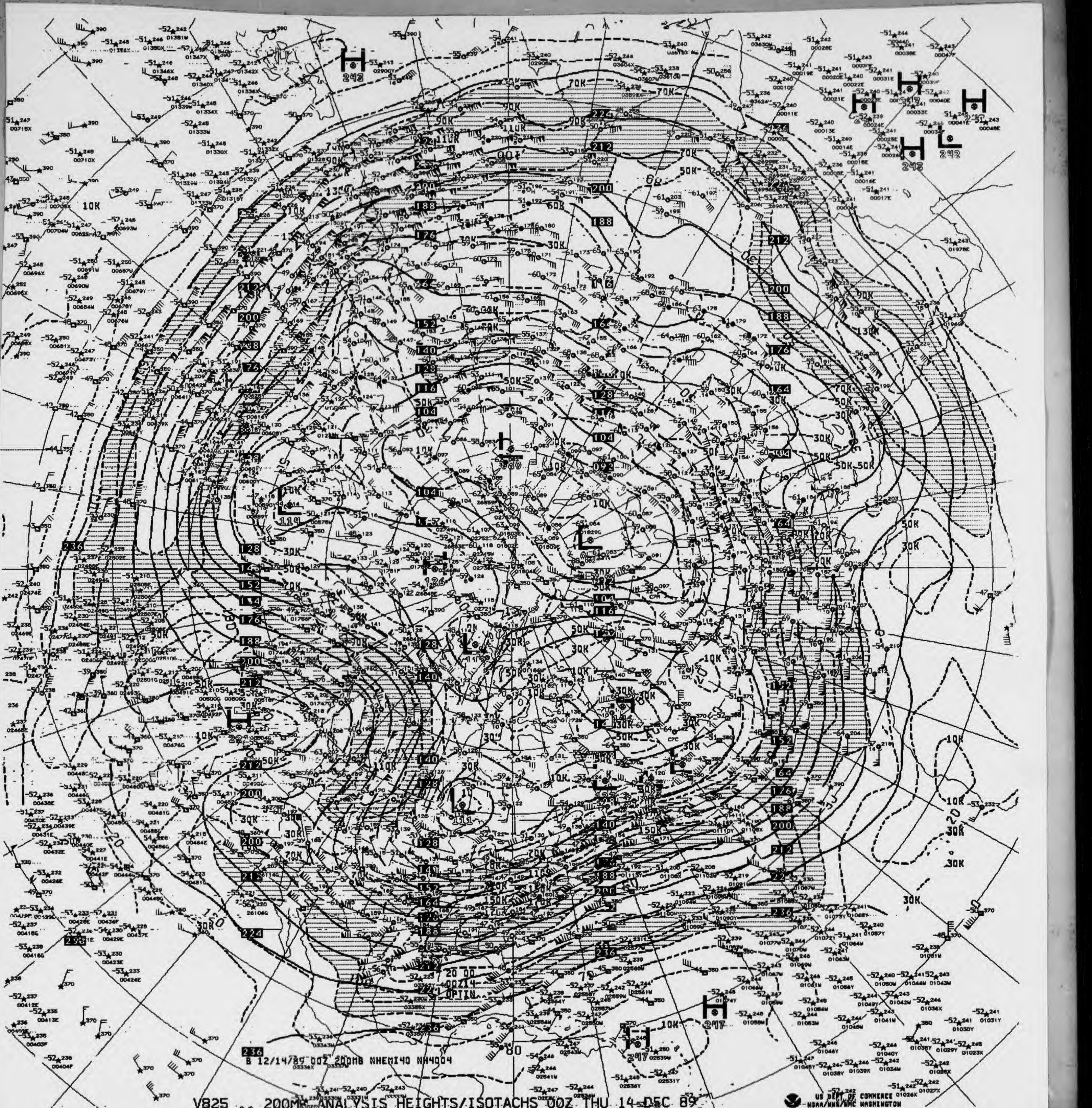
V32 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 13 DEC 89



B 12/13/89 12Z 200MB NHEMI40 NH1004

V275 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 13 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z14
OPTIN
H
243
247
L
111
114
126
70K
90K
110K
130K
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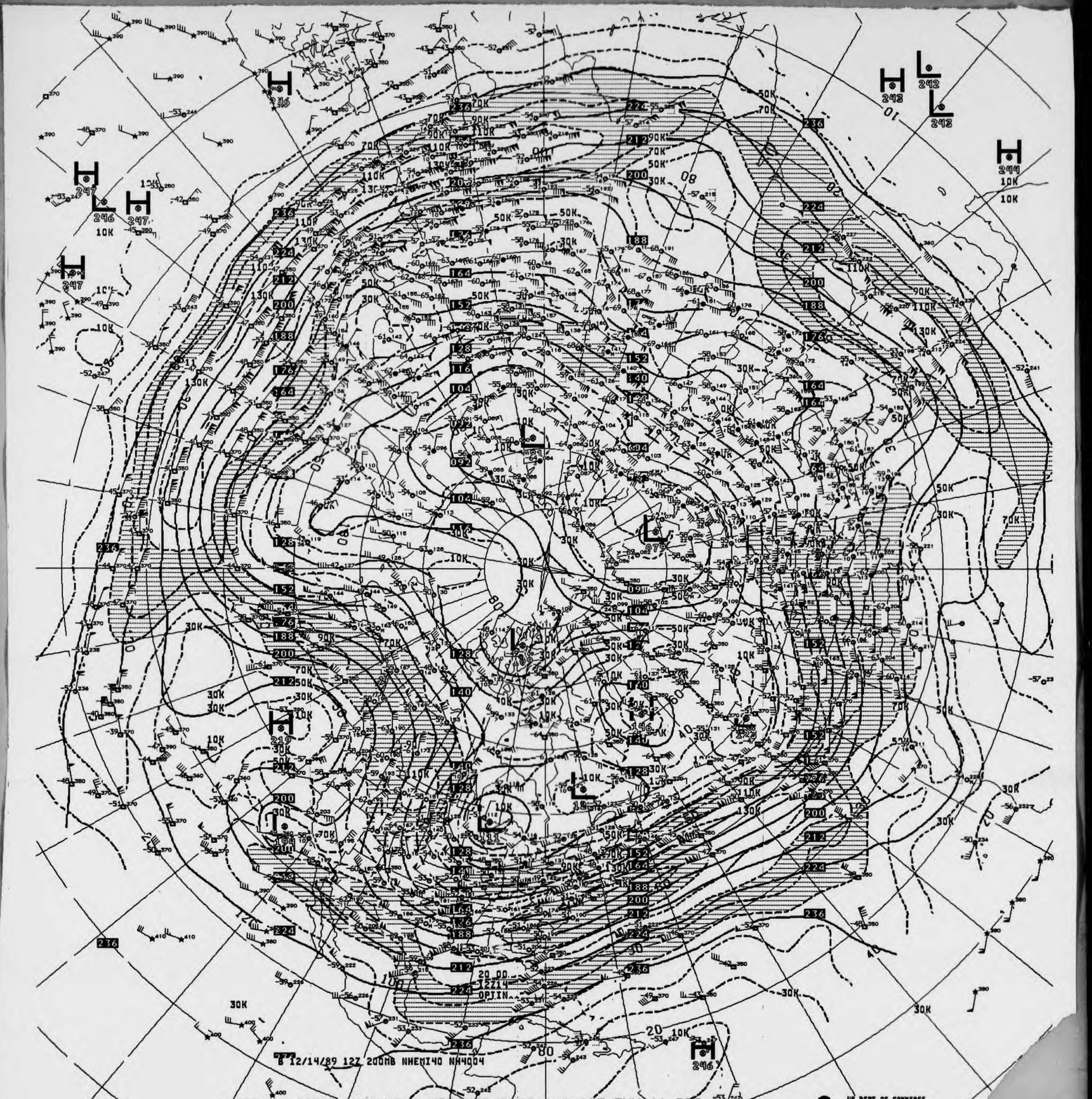
30K
10K

V825 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 14 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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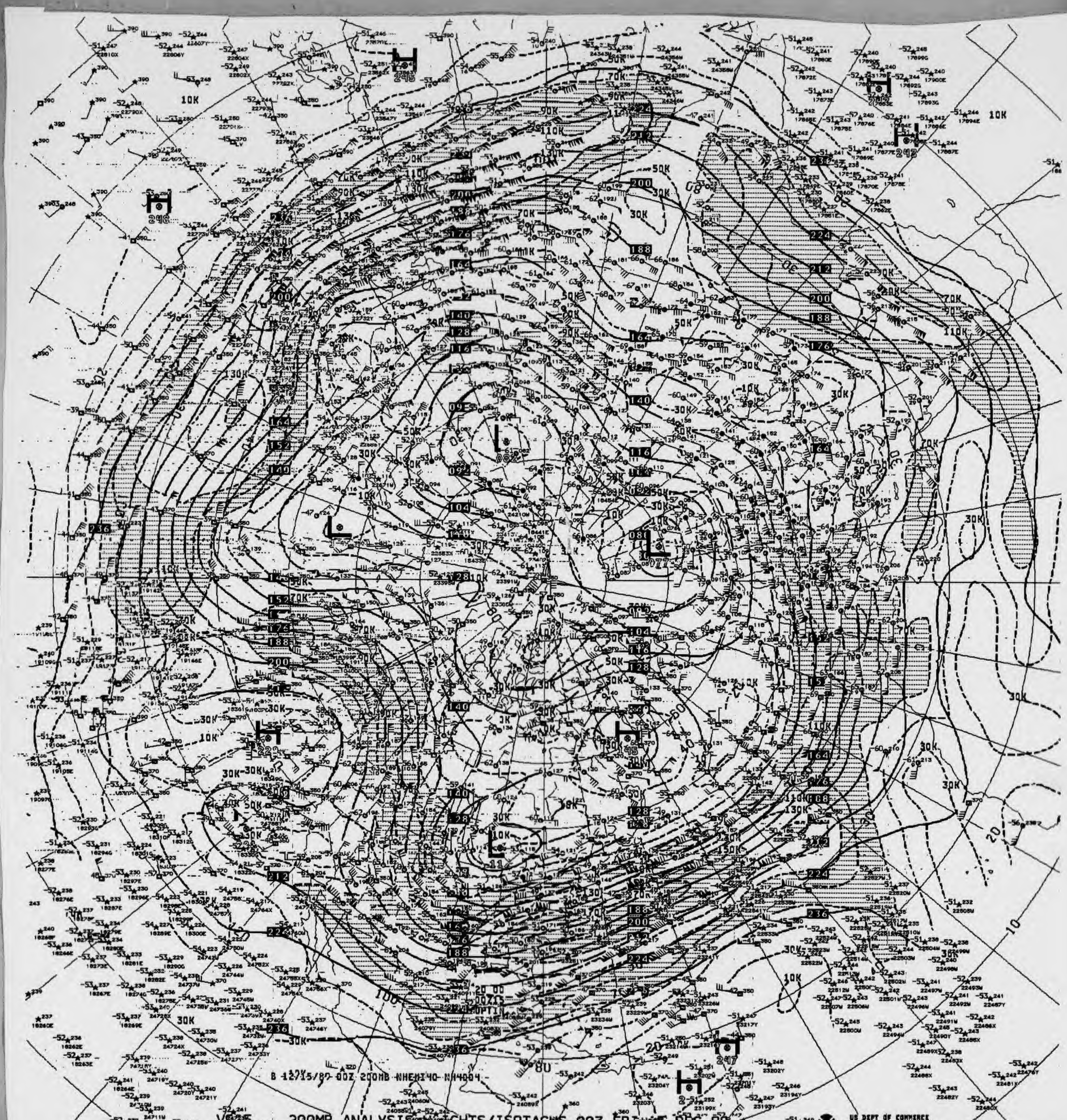
V875 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 14 DEC 89

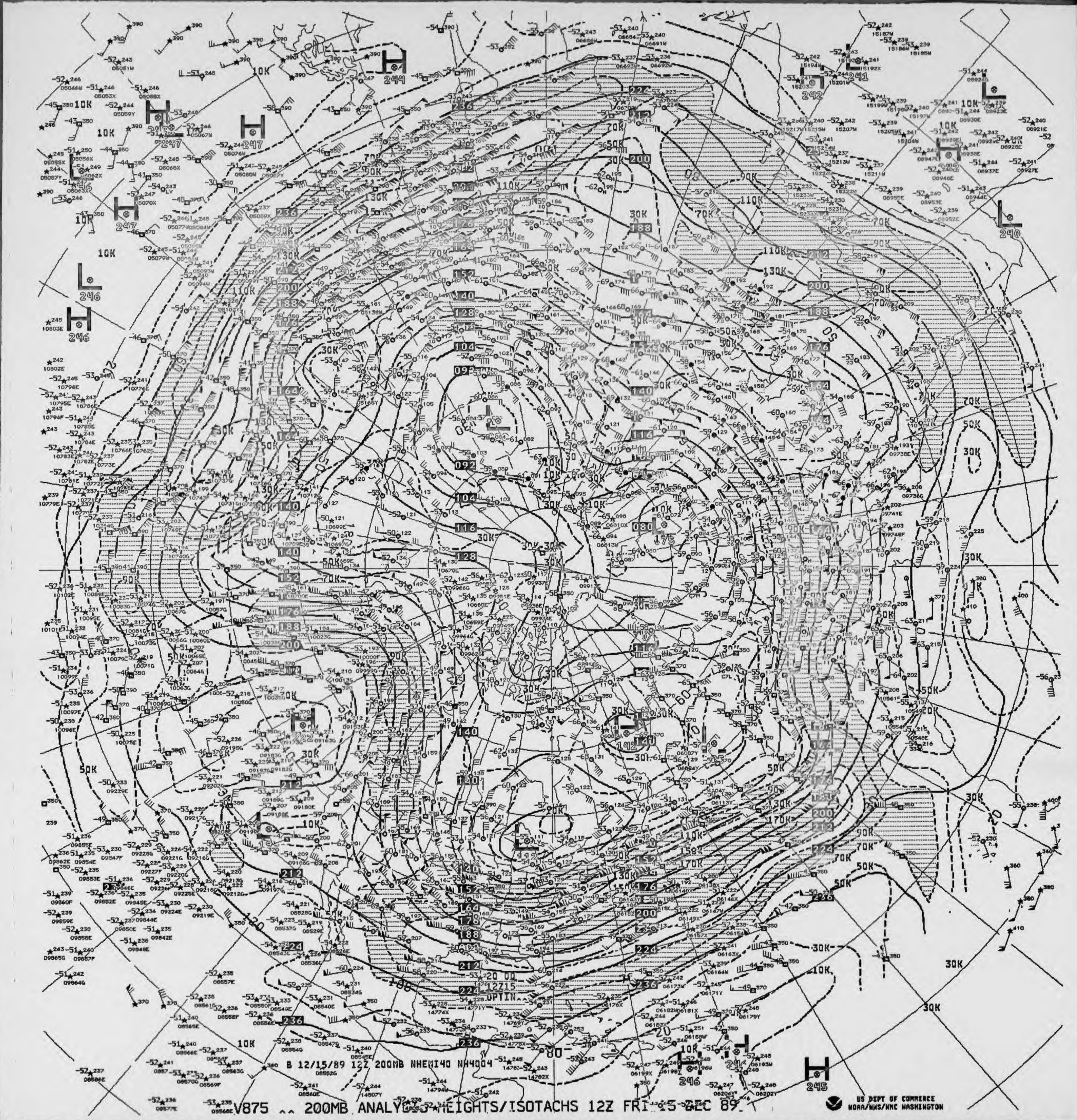
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/15/89 00Z 200MB NHEM140 NH4004

V025 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 15 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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244
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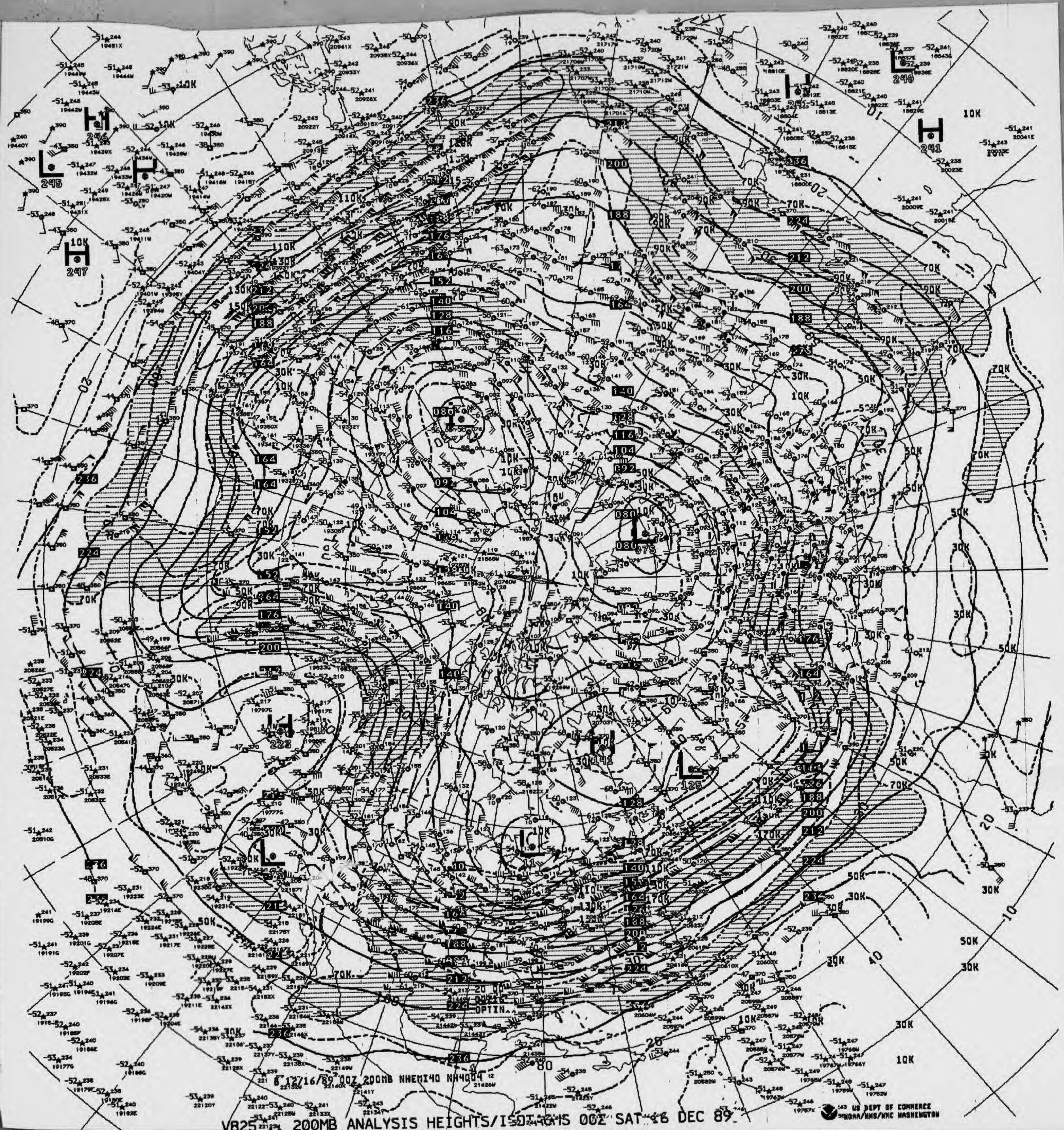
70K
90K
110K
130K
170K
092
104
116
128
140
152
164
176
188
200
212
224
236
12Z15
OPTIN

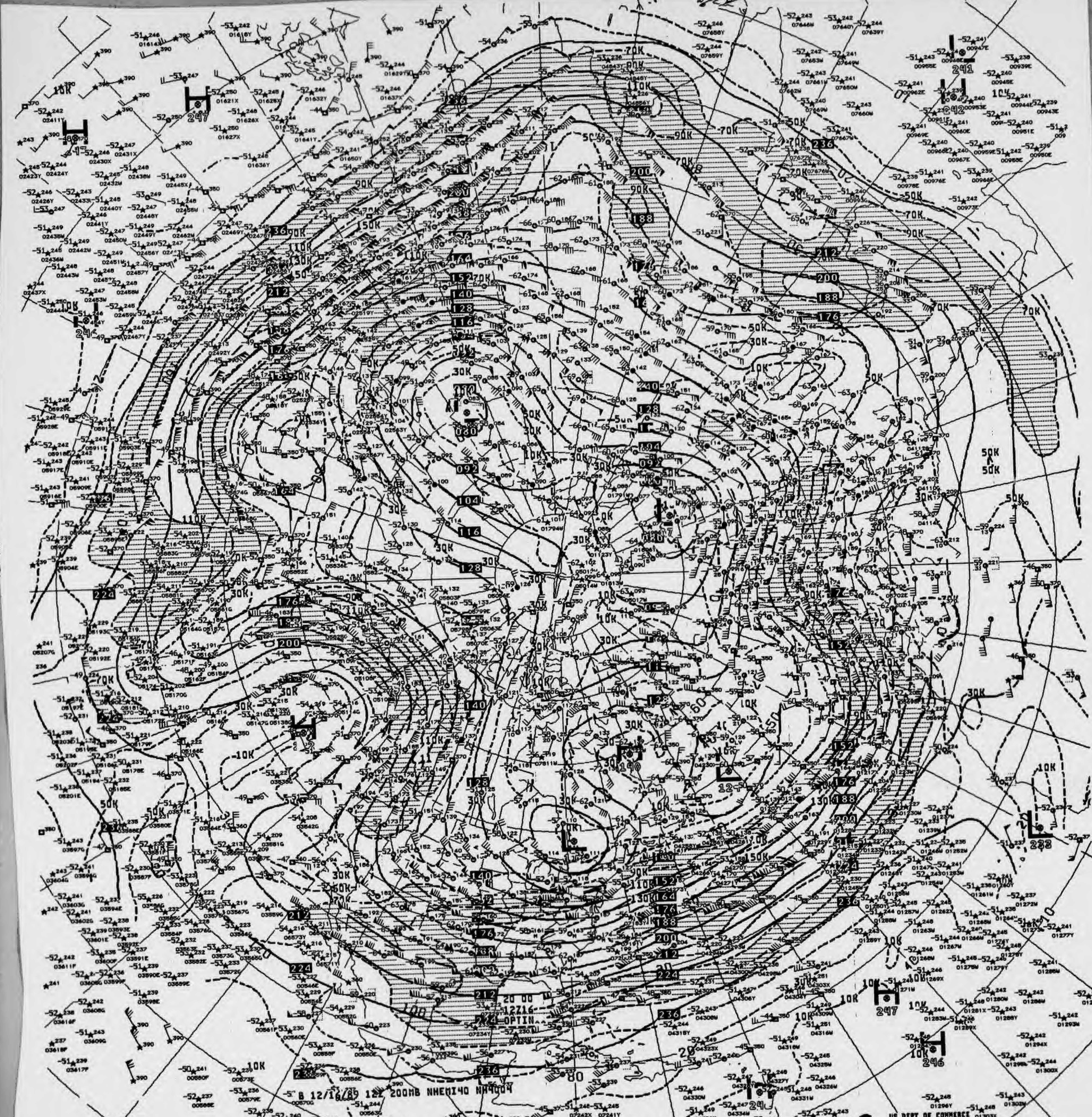
B 12/15/89 12Z 200MB NHEMI40 NH4004

V875 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 15 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

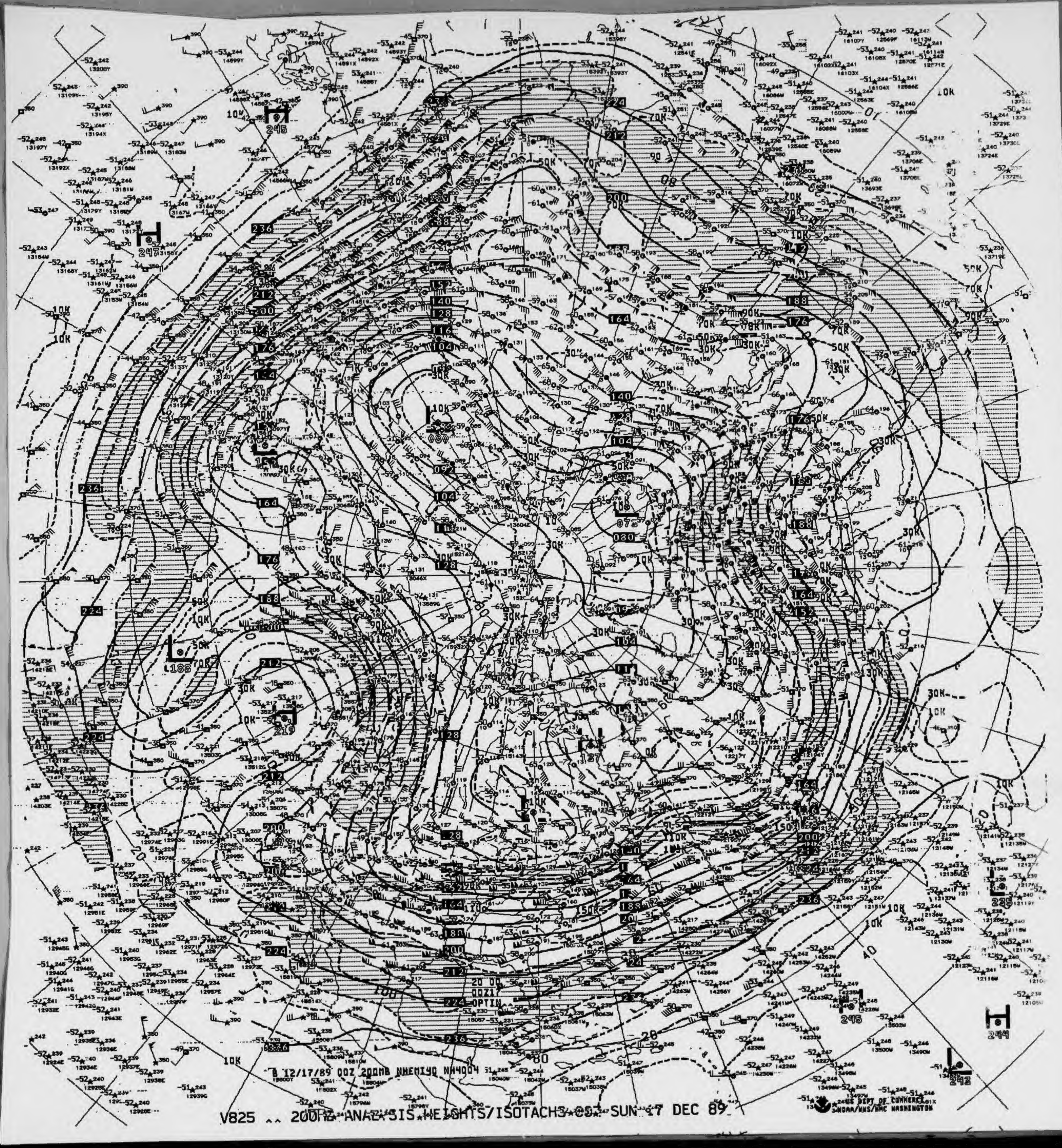

8 12/16/89 00Z 200MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V825 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 16 DEC 89


B 12/16/89 12Z 200MB NHEMI40 NH4004
20 00
12Z16
OPTIN

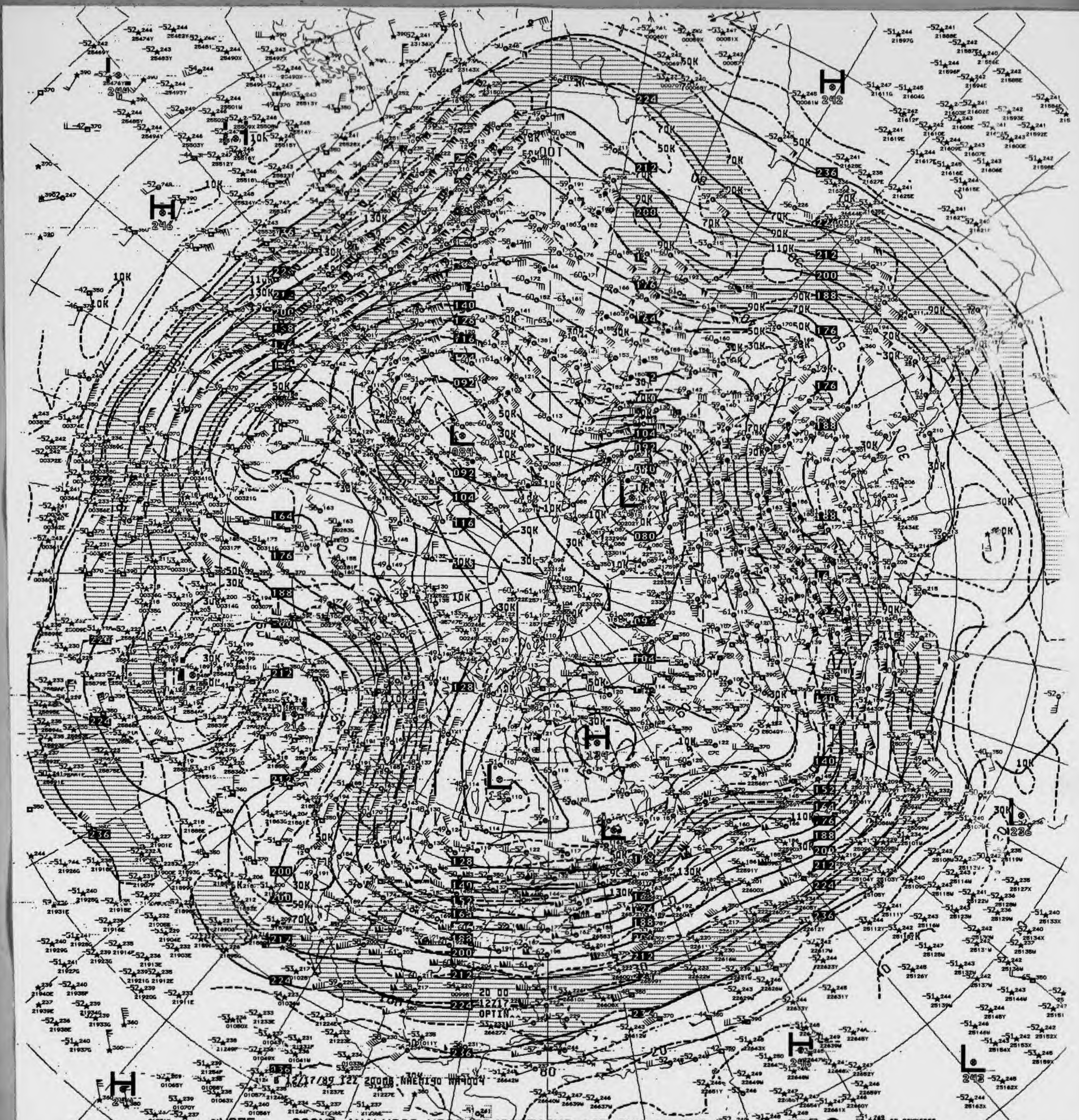
V875 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 16 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



8 12/17/89 00Z 200MB NHEMIYQ NH4004
20 00
00Z17
OPTIN
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

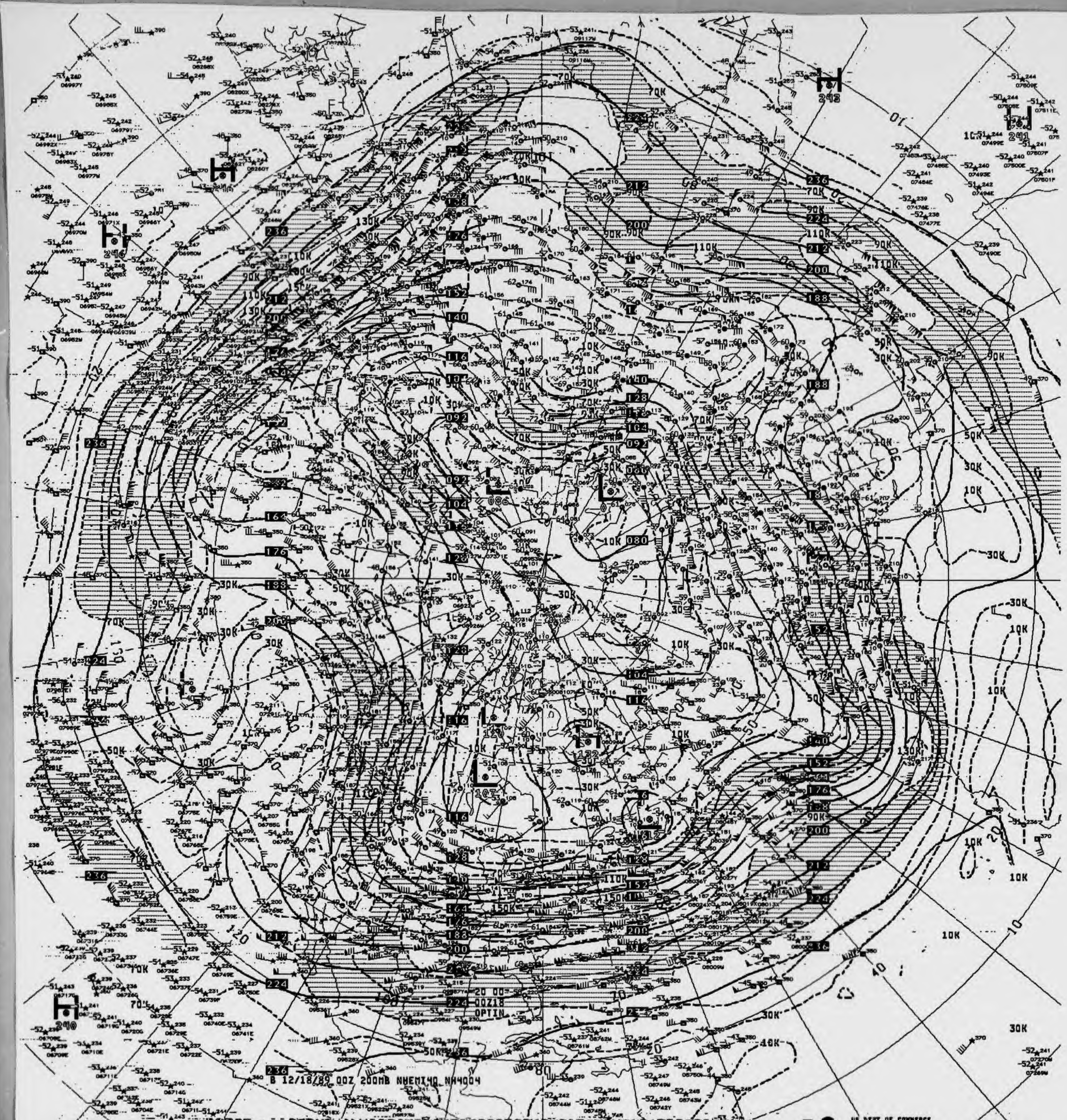
V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 17 DEC 89



B 12/17/89 12Z 2000B NHEMI90 WA9004

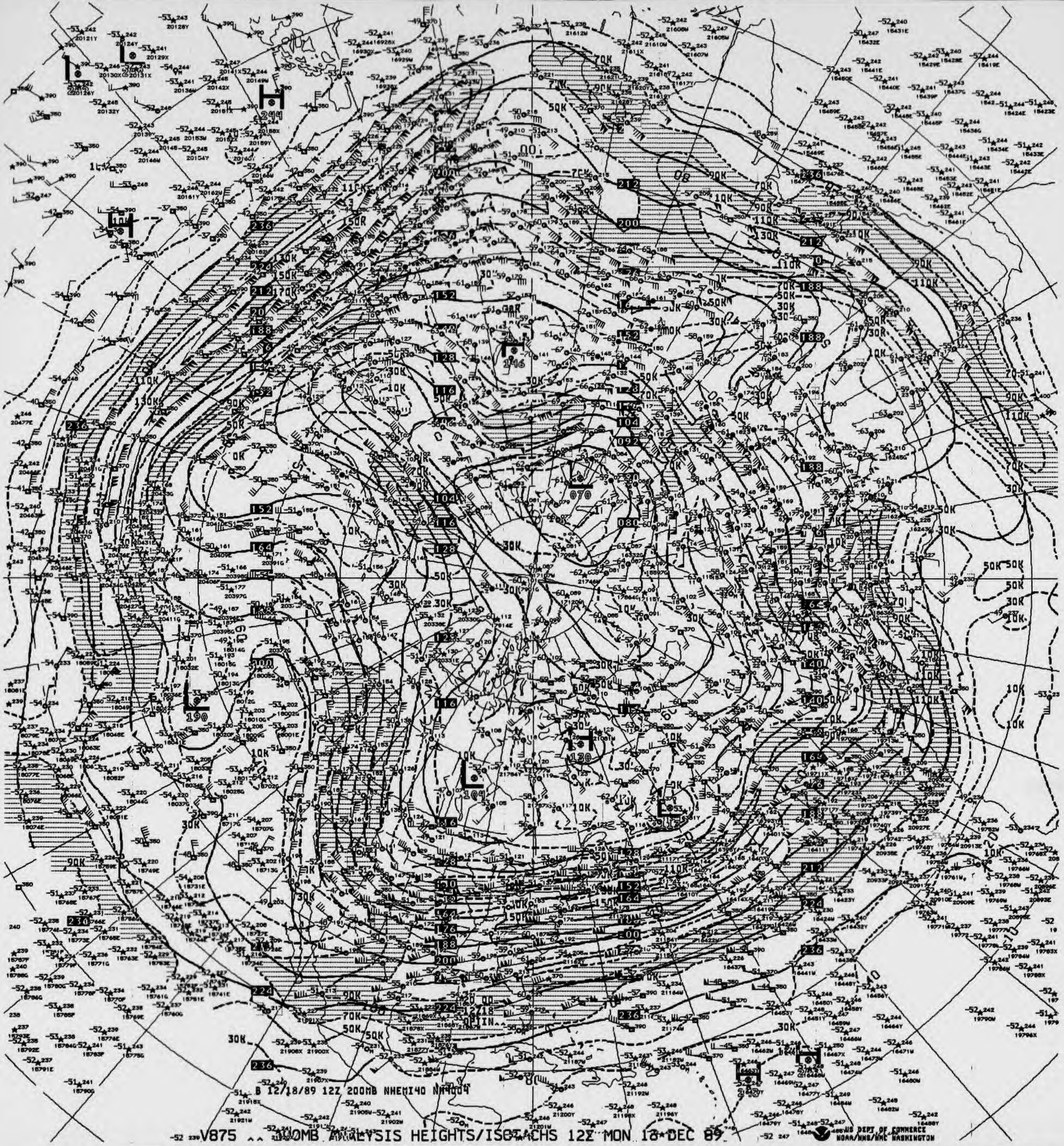
875 ^^ 230MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 17 DEC 89

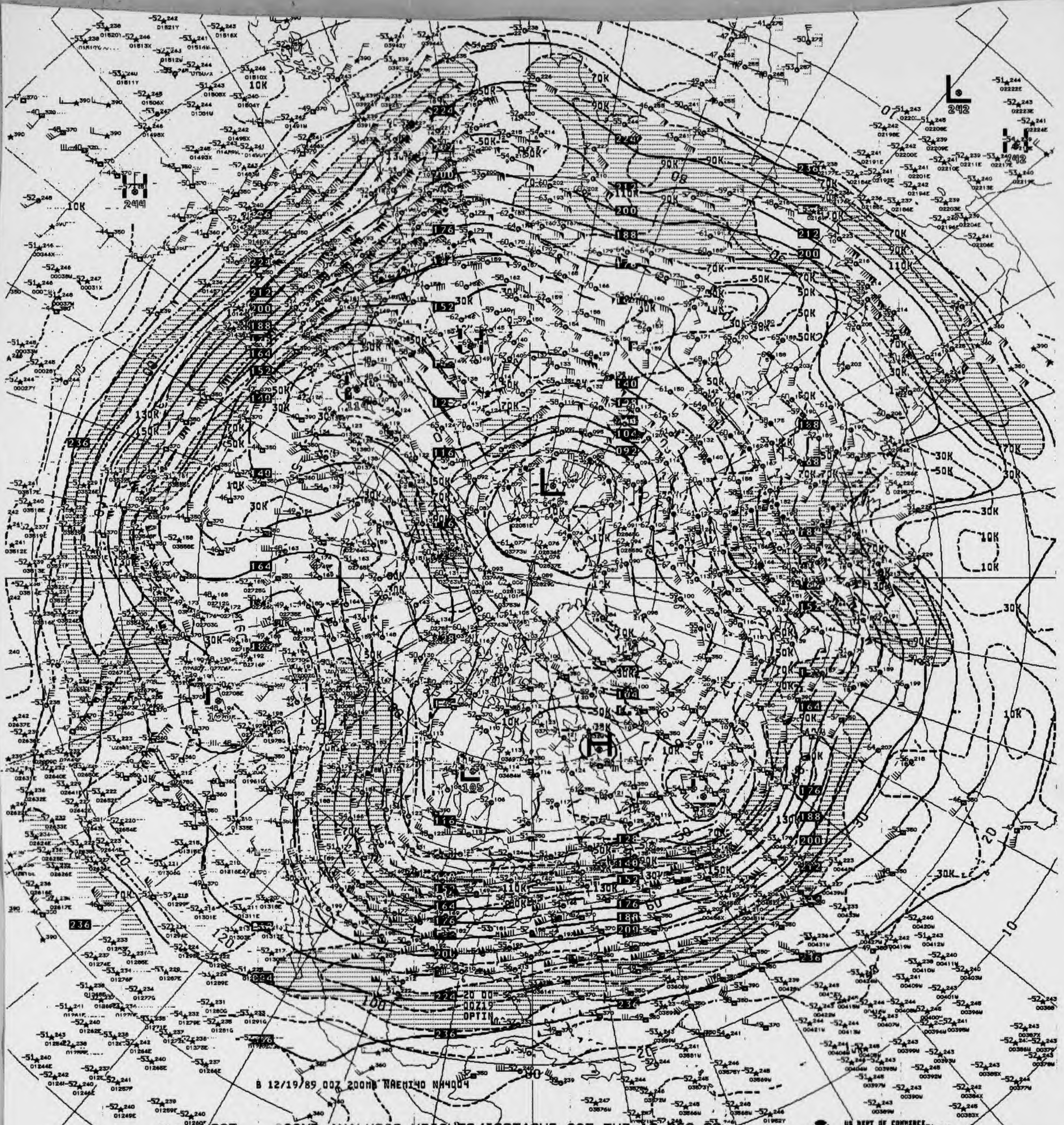
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 243
H 241
H 246
H 240
L 086
L 107
20 00
00Z18
OPTIN
B 12/18/89 00Z 200MB NHEMI40 NA4004

V825 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 18 DEC 89

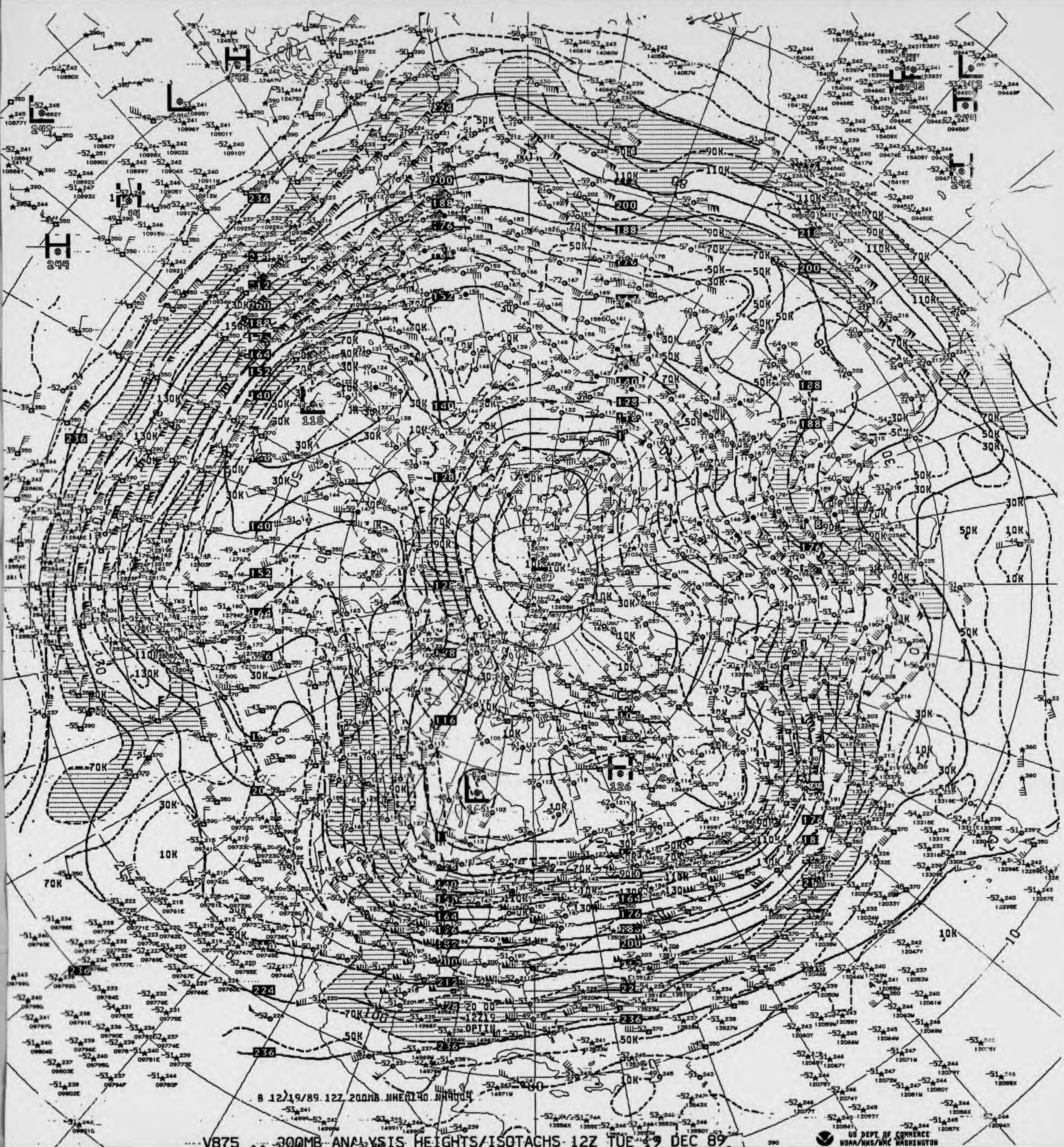
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON




B 12/19/89 00Z 200MB NAEMI40 NA4004
20 00
00Z19
OPTIN

V825 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 19 DEC 89

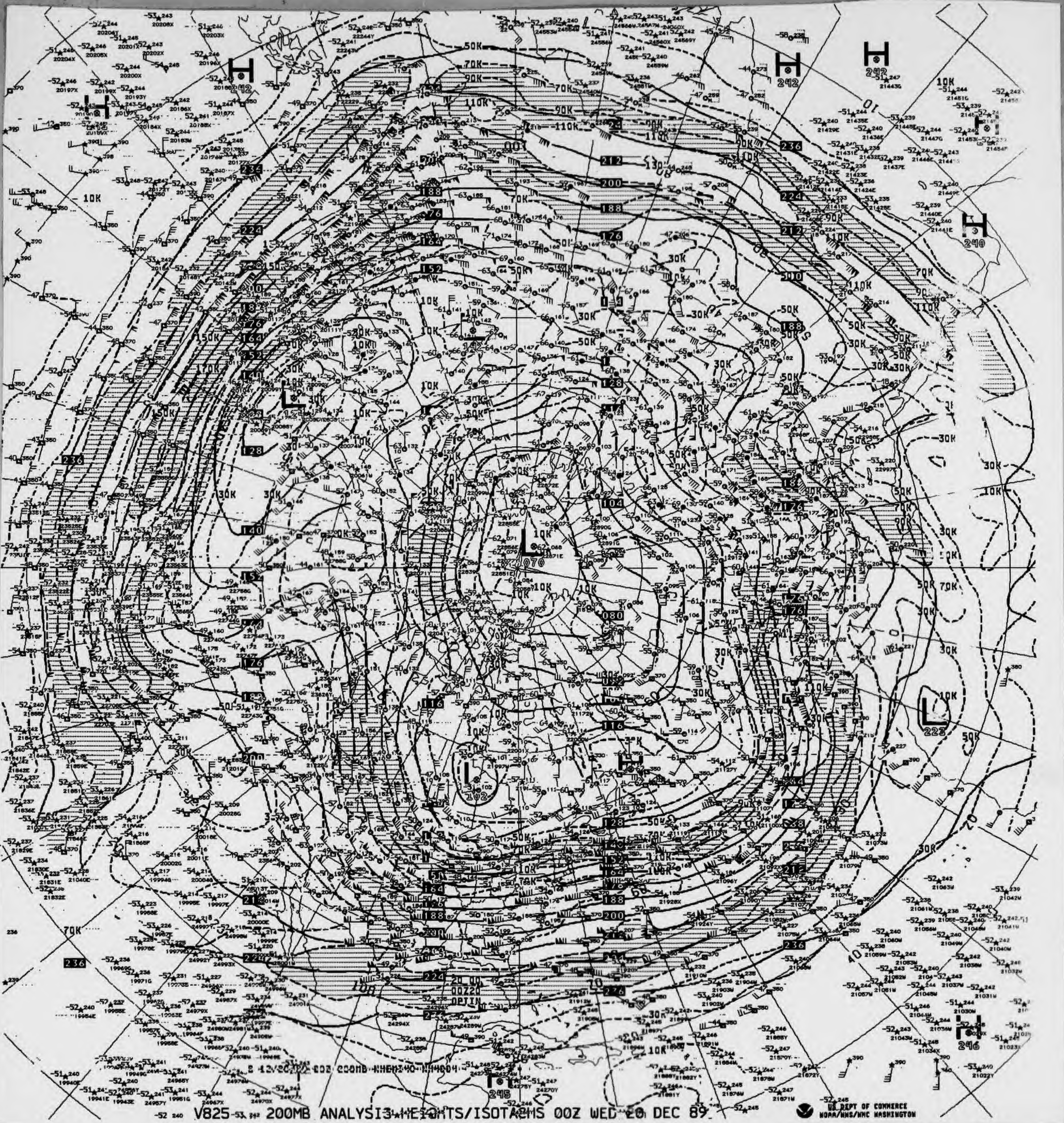
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/19/89 12Z 200MB NHEM140 NH4004

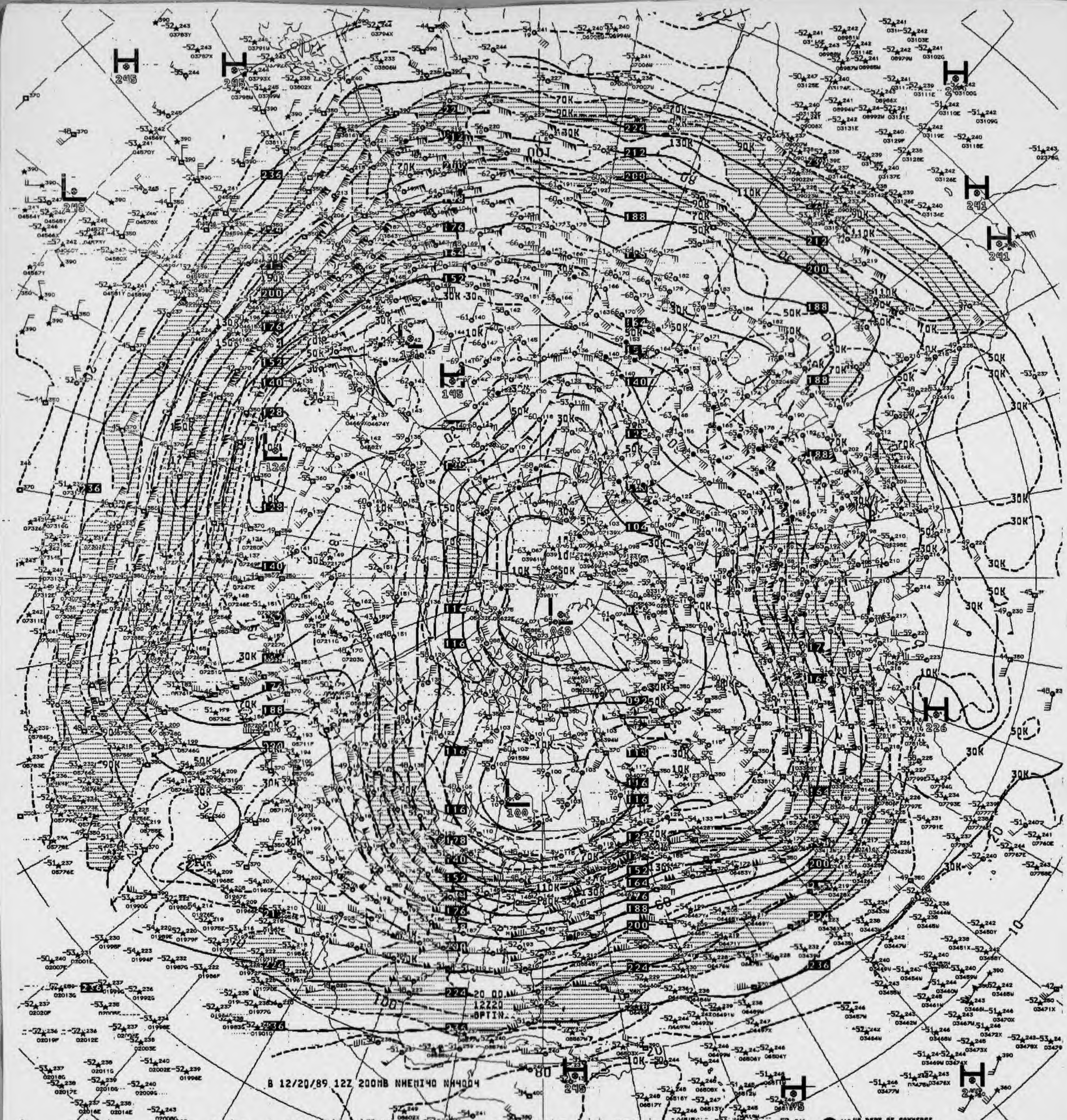
V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
242
H
242
H
240
L
070
L
102
L
225
H
246
245
50K
70K
90K
110K
130K
150K
170K
20 00
00Z20
OPTIN
2 12/20/2 00Z 200MB NHEMI40 NH4004

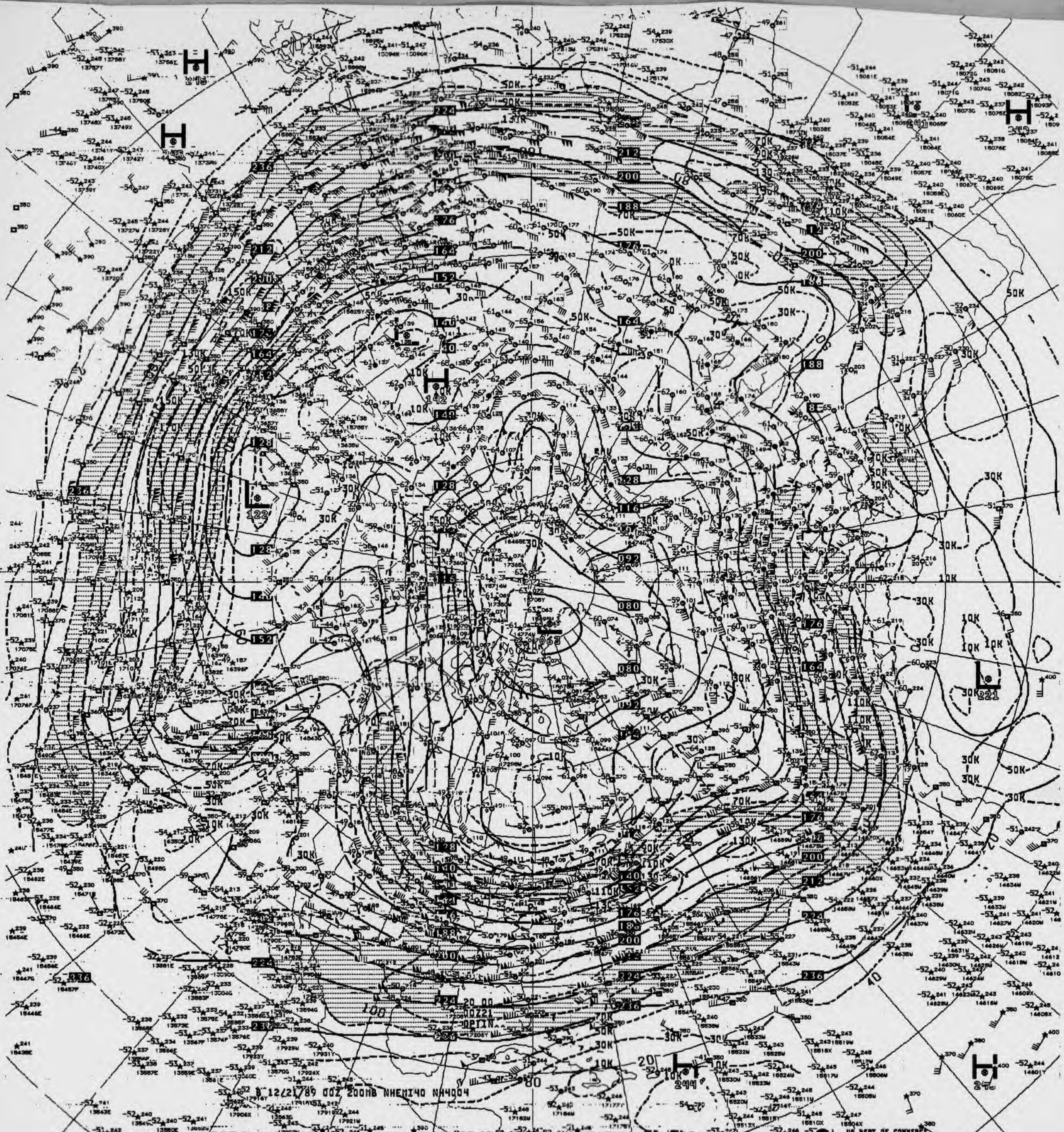
V825 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

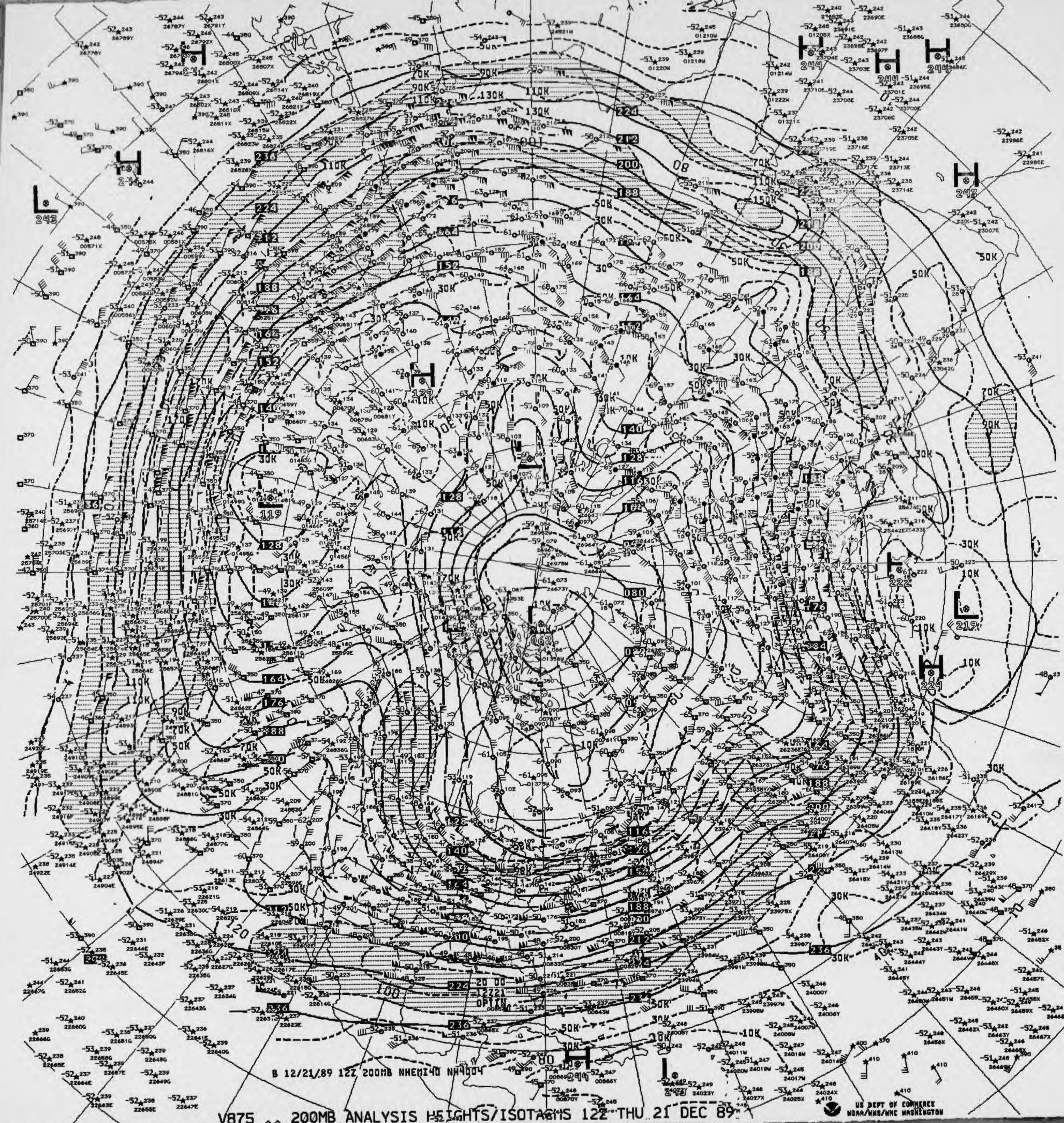

B 12/20/89 12Z 200MB NHEMI40 NH4004
H 245
H 245
L 245
H 145
L 126
L 068
L 100
H 226
H 241
H 241
H 245
H 245
12Z20
OPTIN

V875 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/21/89 00Z 200MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

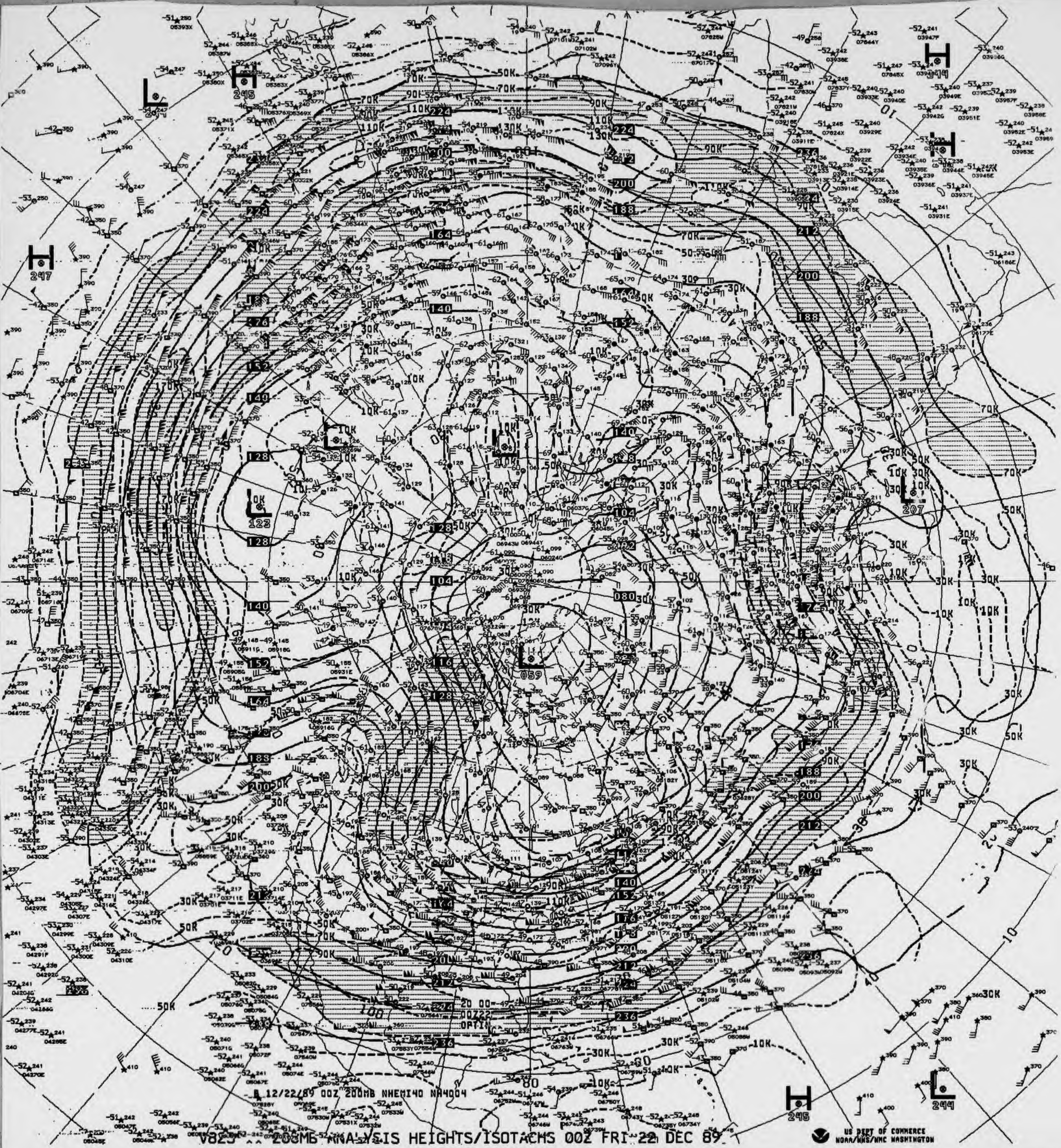
V825 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 21 DEC 89



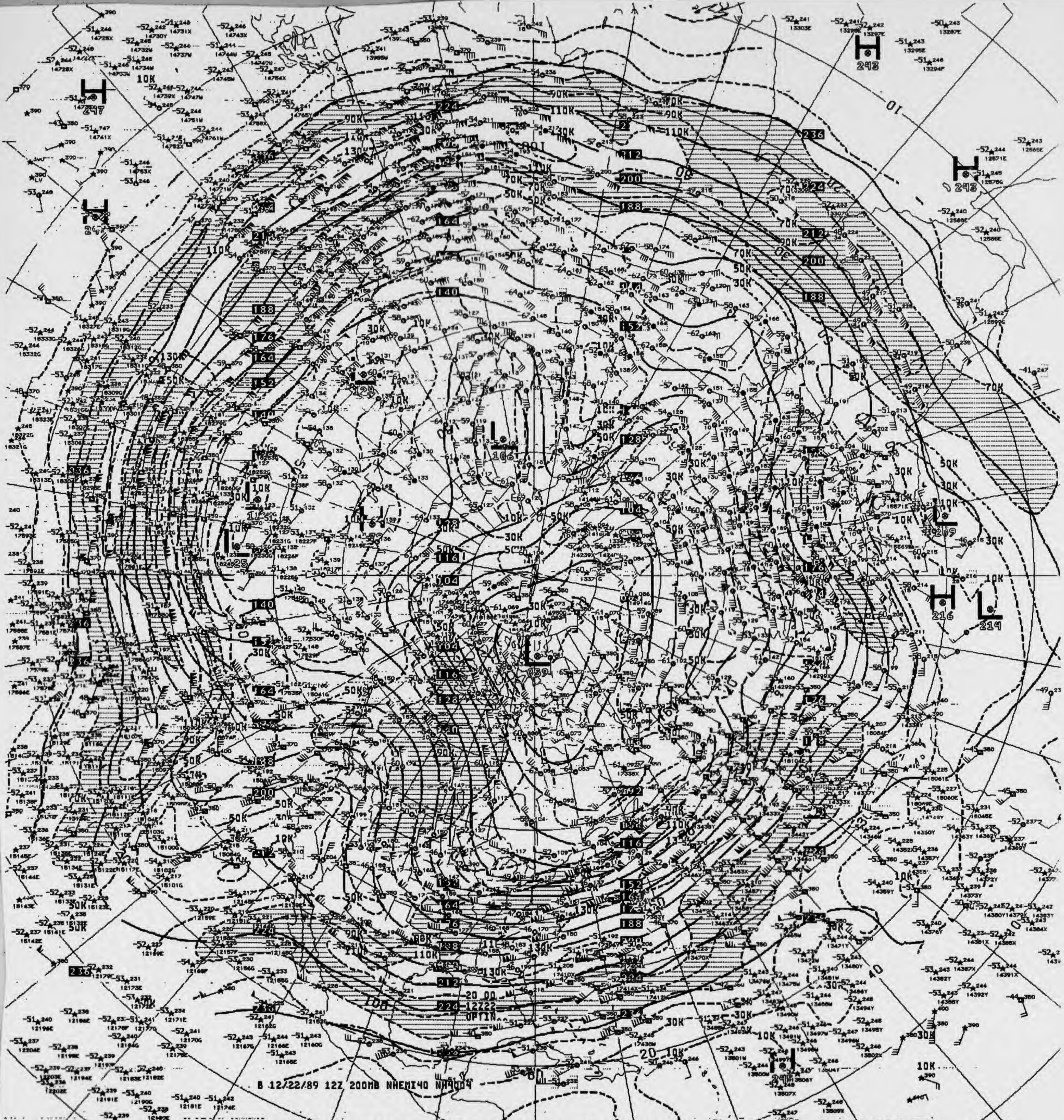
B 12/21/89 12Z 200MB NHEMI40 NH4004

V875 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 21 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

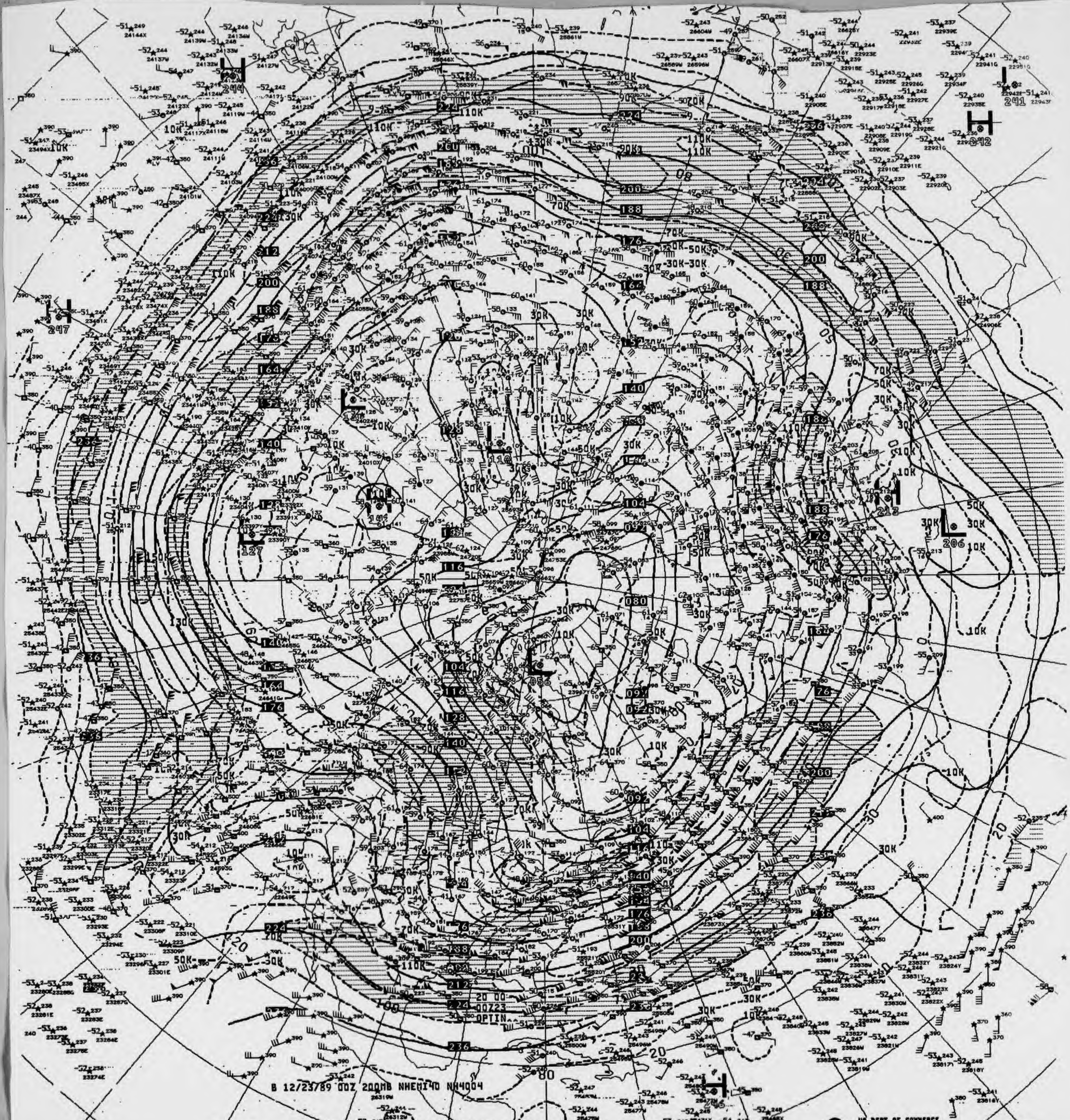

B 12/22/89 00Z 200MB NHEMI40 NA4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V825 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 22 DEC 89


H 247
H 243
H 243
L 106
L 125
L 039
L 209
H 216
L 214
12Z22
OPTIN
B 12/22/89 12Z 200MB NHEMI40 NH9004

V775 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 22 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

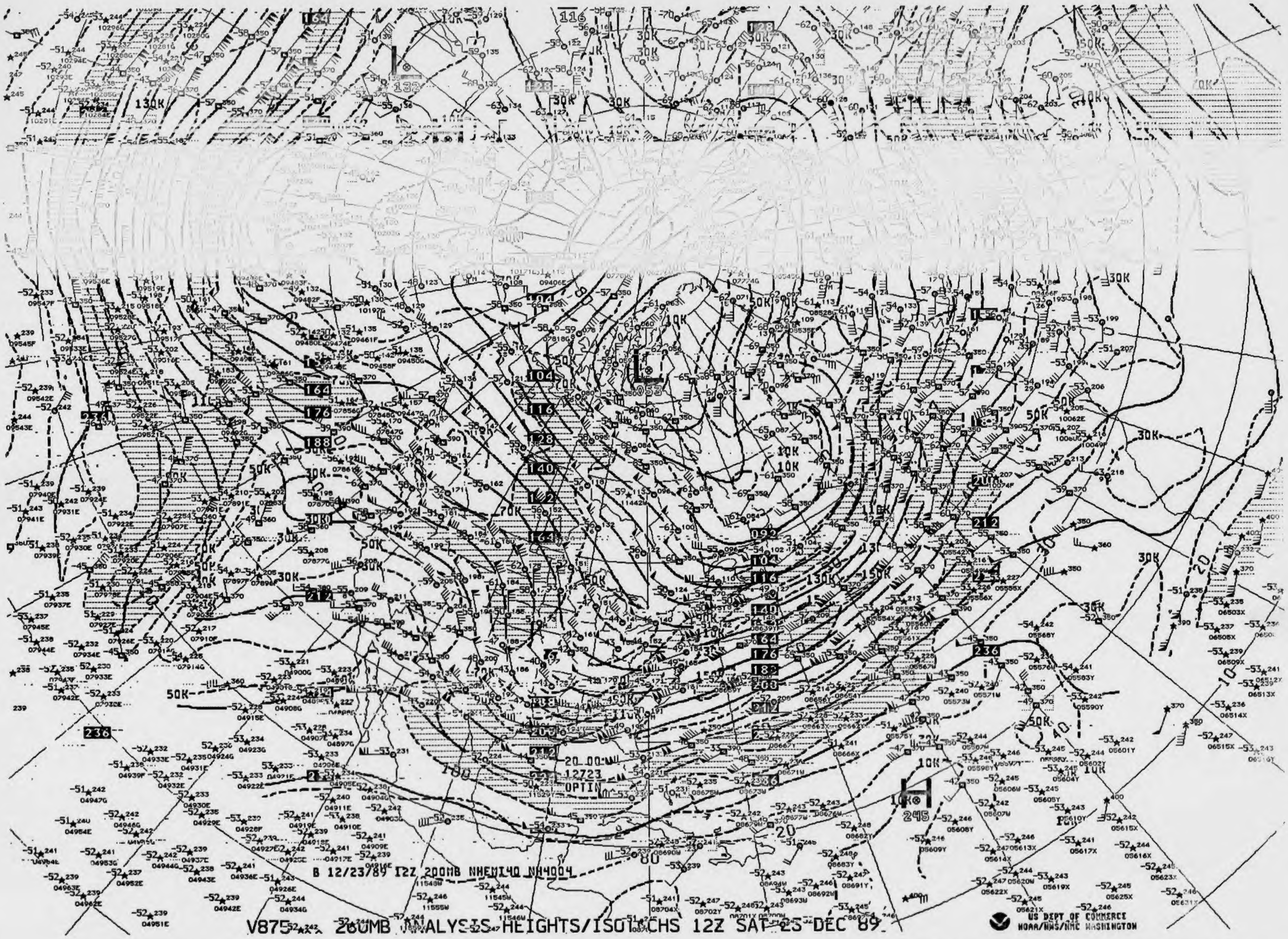

B 12/23/89 00Z 200MB NHEMI40 NH4004
20 00
00723
OPTIN

V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

12Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

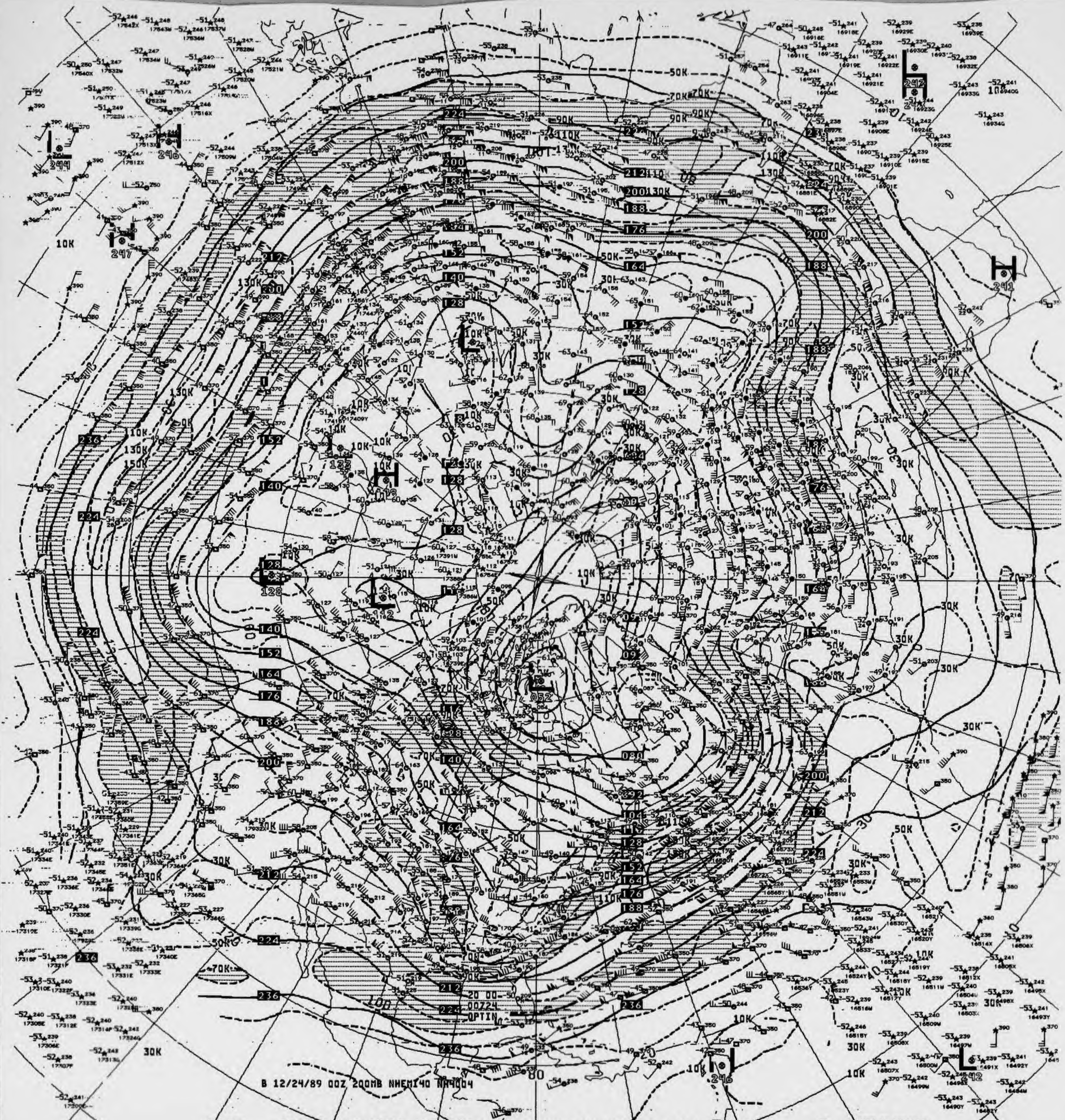


130K
50K
30K
10K
70K
L
053
H
245
20 00
12723
OPTIN

B 12/23/89 12Z 200MB NHEMI40 NH4004

V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 23 DEC 89

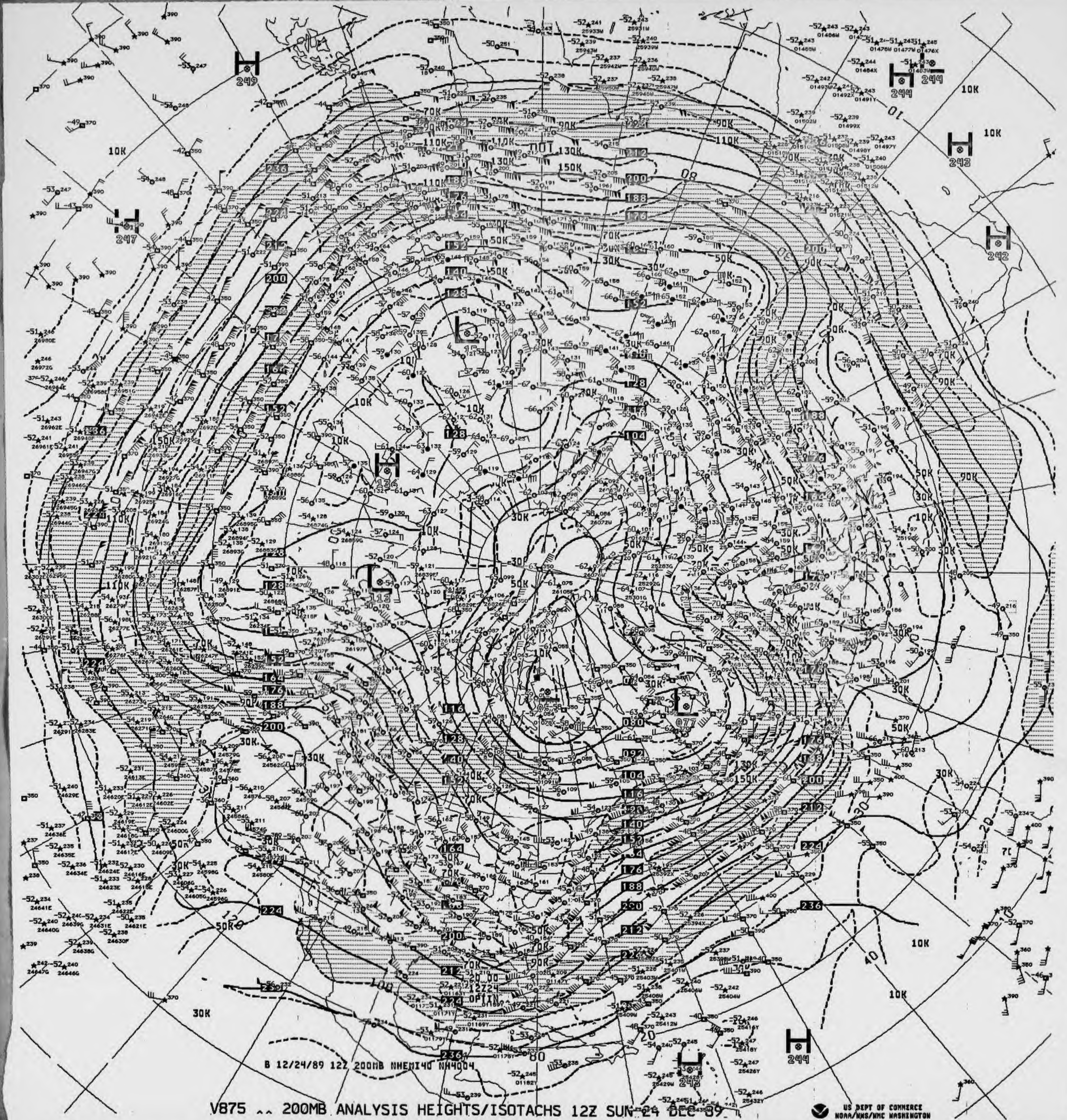
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/24/89 00Z 200MB NHEMI40 NA4004

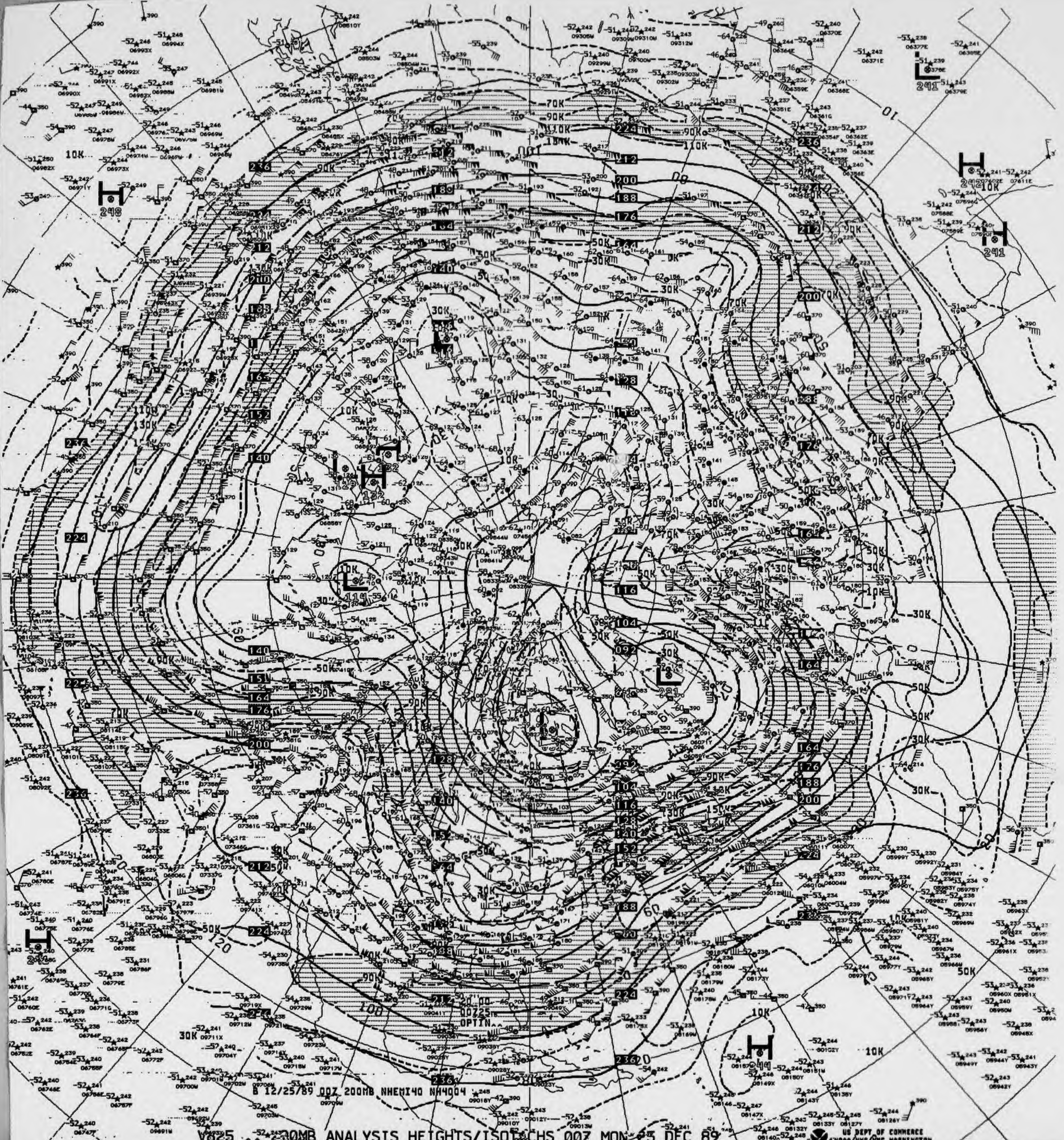
V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 24 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 249
H 247
H 244
H 244
H 242
H 242
H 136
L 113
L 077
H 244
10K
30K
50K
70K
90K
110K
130K
150K
B 12/24/89 12Z 200MB NHEMI40 NH4004

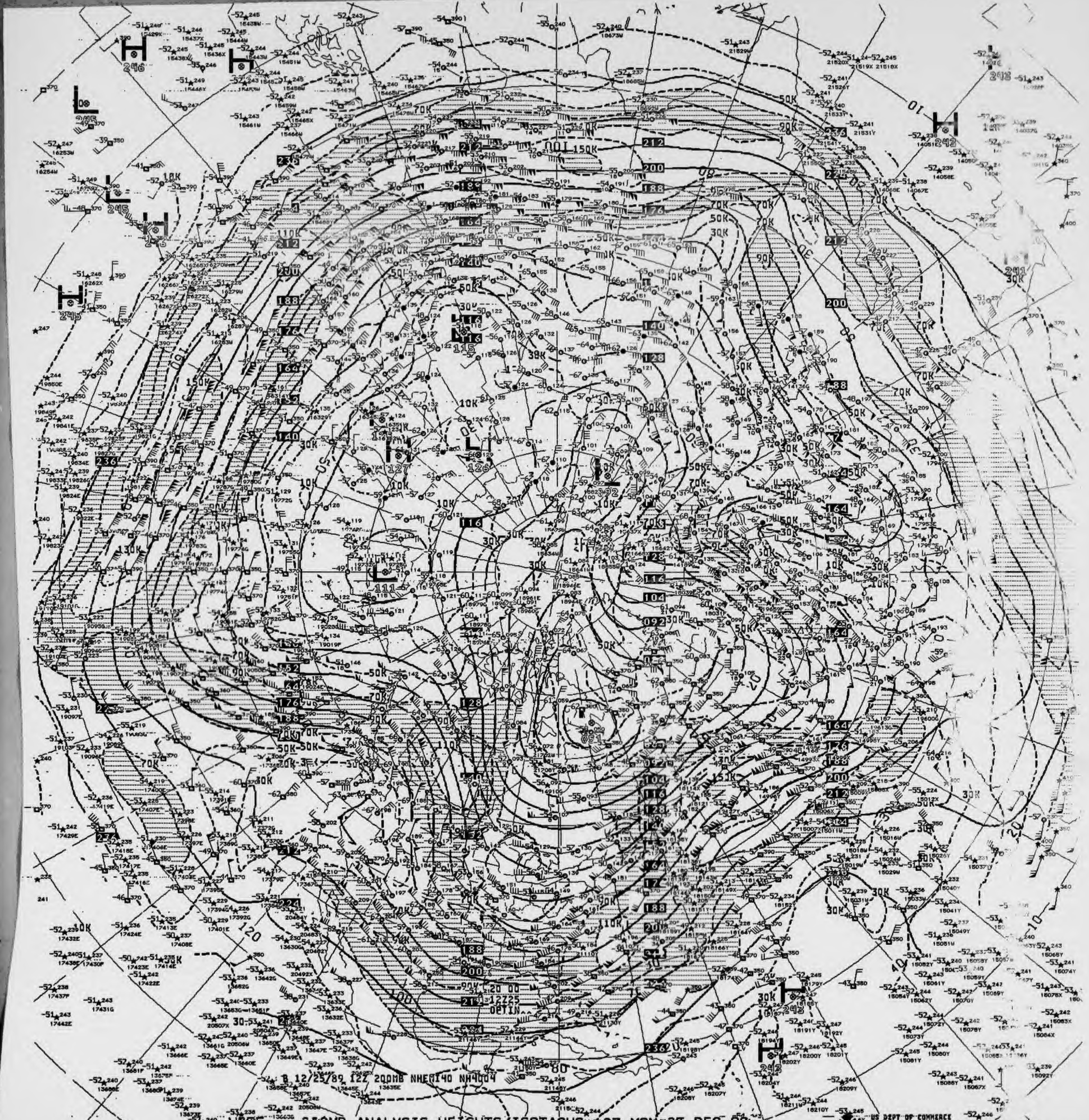
V875 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 24 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/25/89 00Z 200MB NHEMI40 NH4004

V825 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 25 DEC 89

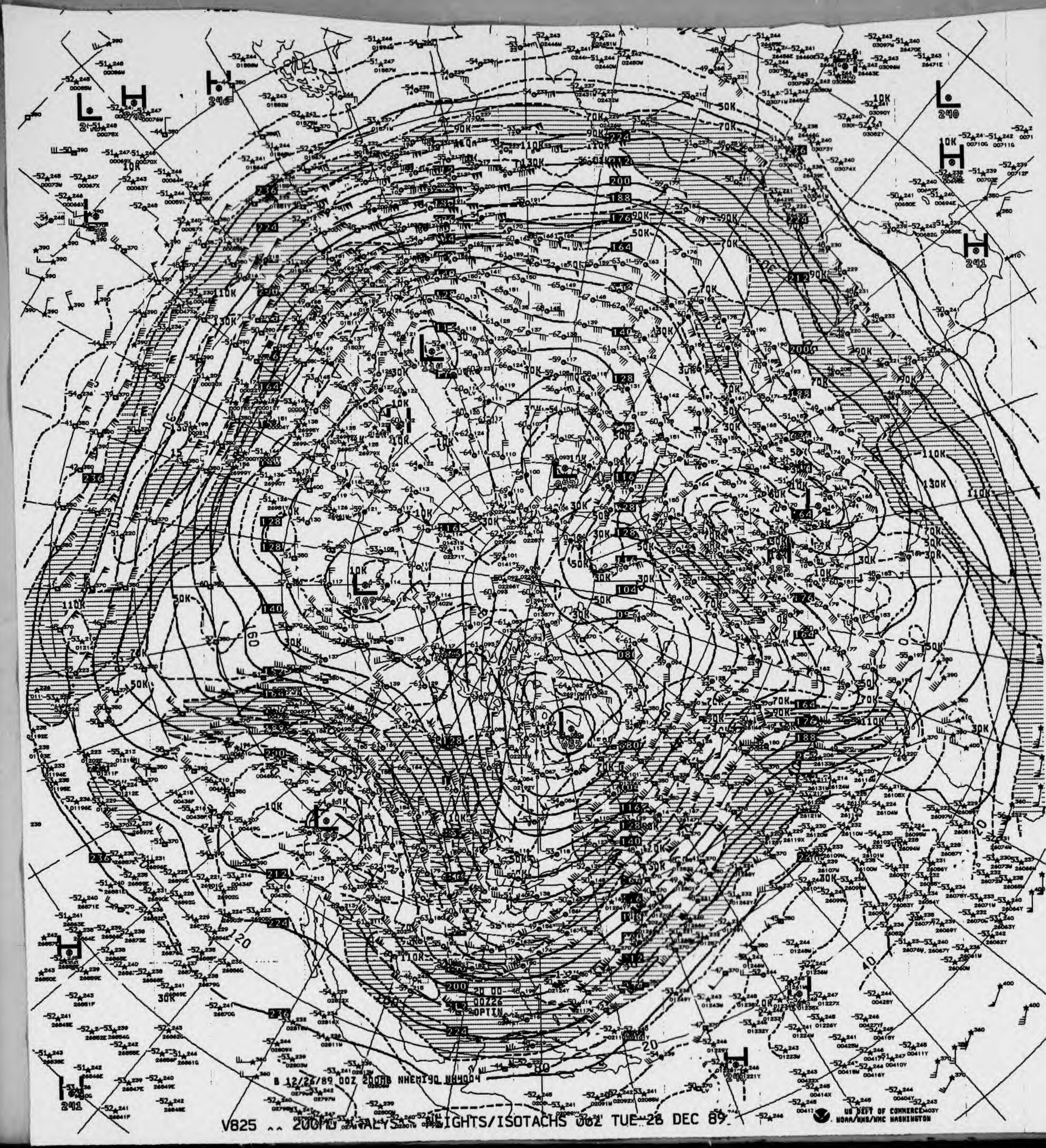
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/25/89 12Z 200MB NHEMI40 NH4004

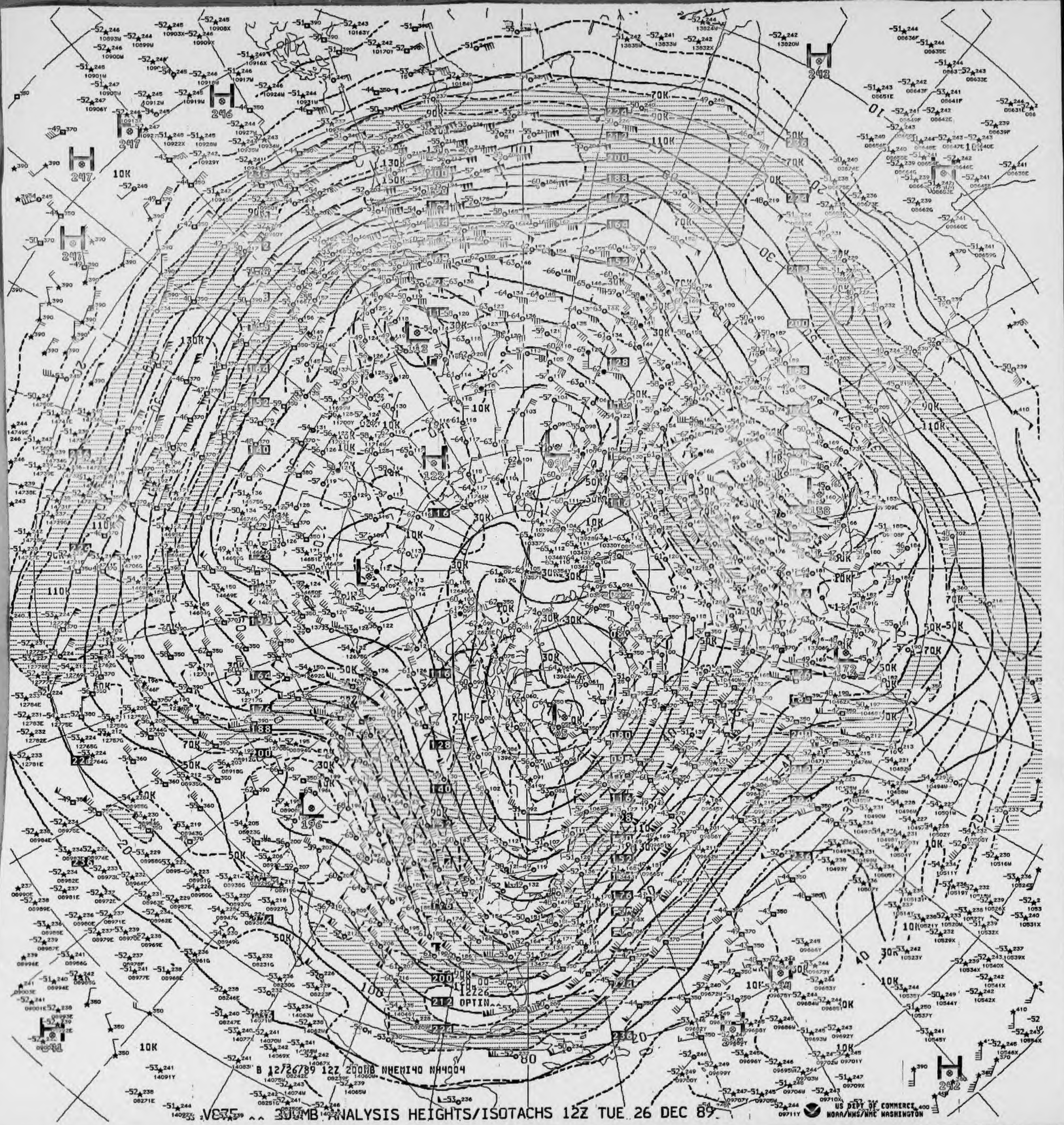
V875 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 25 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

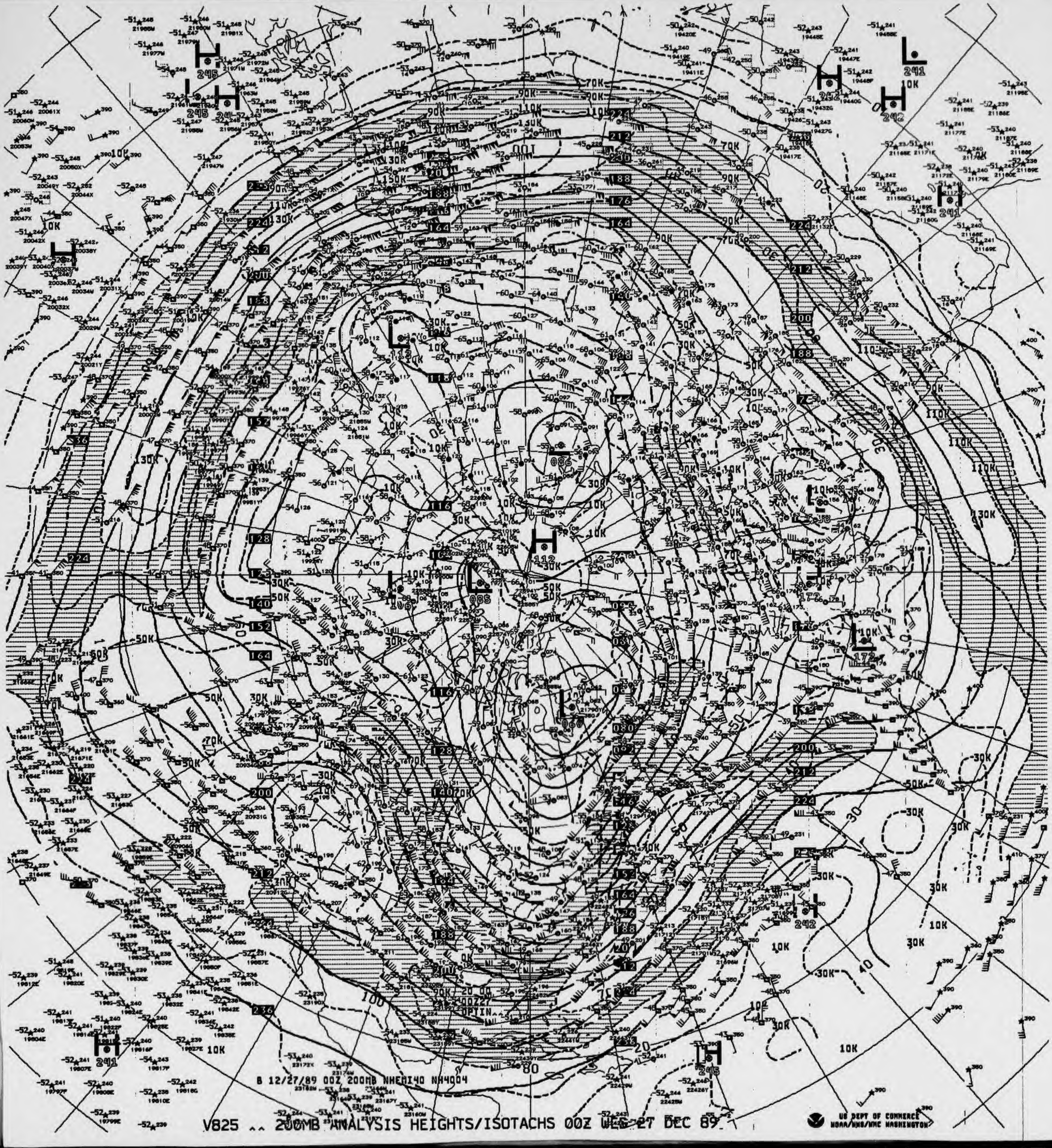


B 12/26/89 00Z 200MB NHEMI90 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V825 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 26 DEC 89

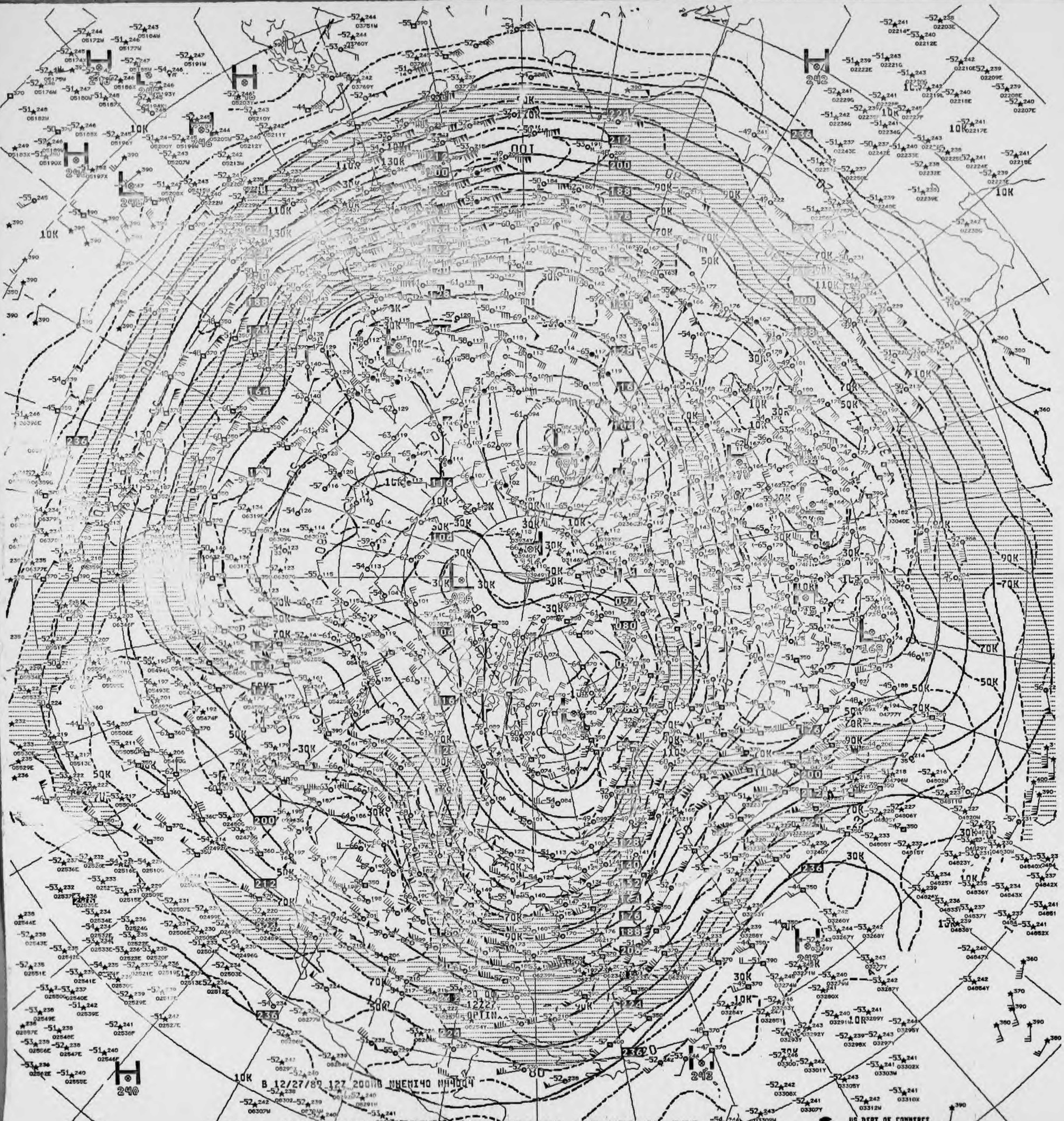

B 12/26/89 12Z 200MB NHEMI40 NH4004
OPTIN
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

VC75 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 26 DEC 89


B 12/27/89 00Z 200MB NHEMI40 NH4004

V825 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 27 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/27/89 12Z 200MB NHEMI40 NH4004

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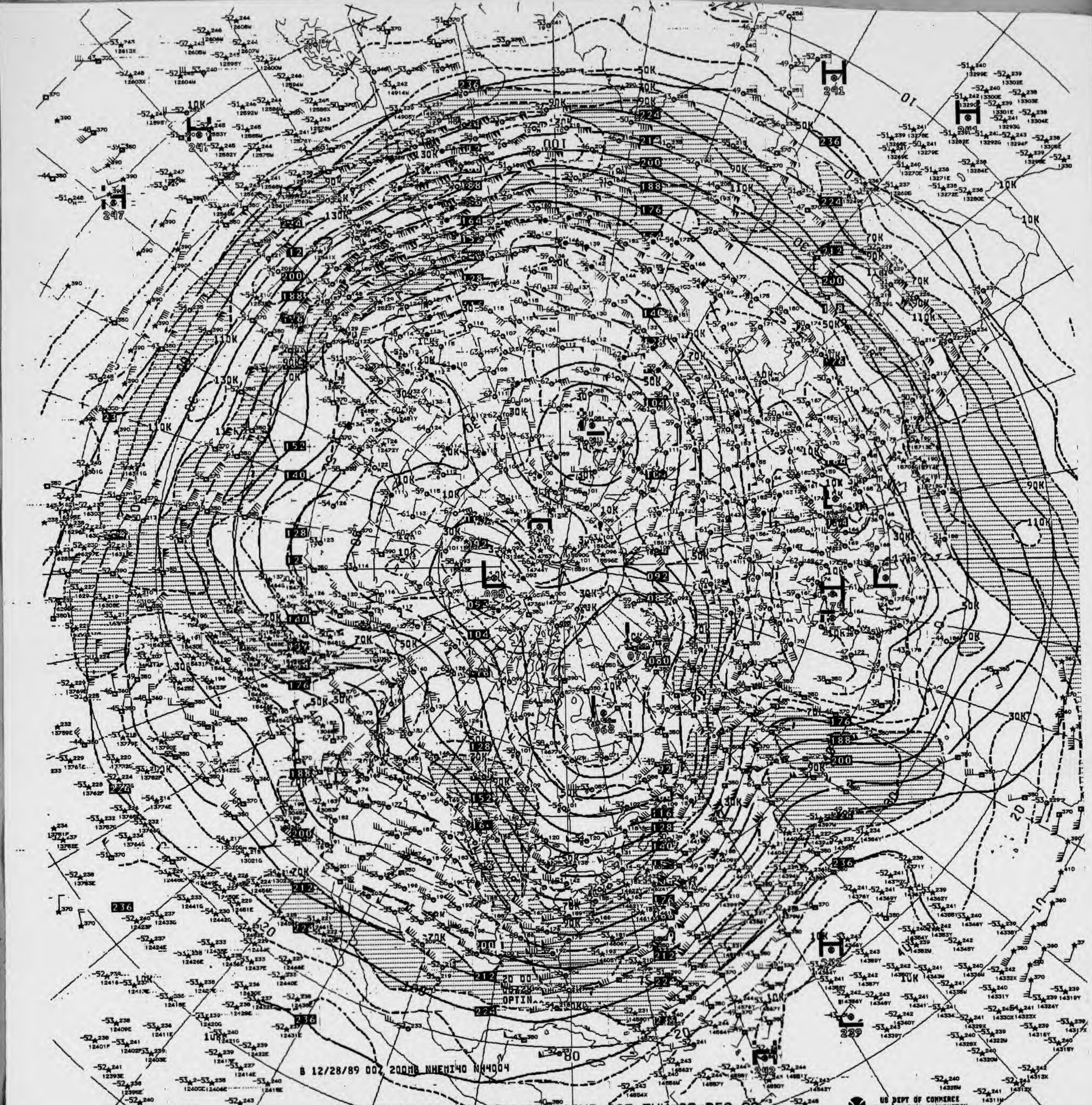
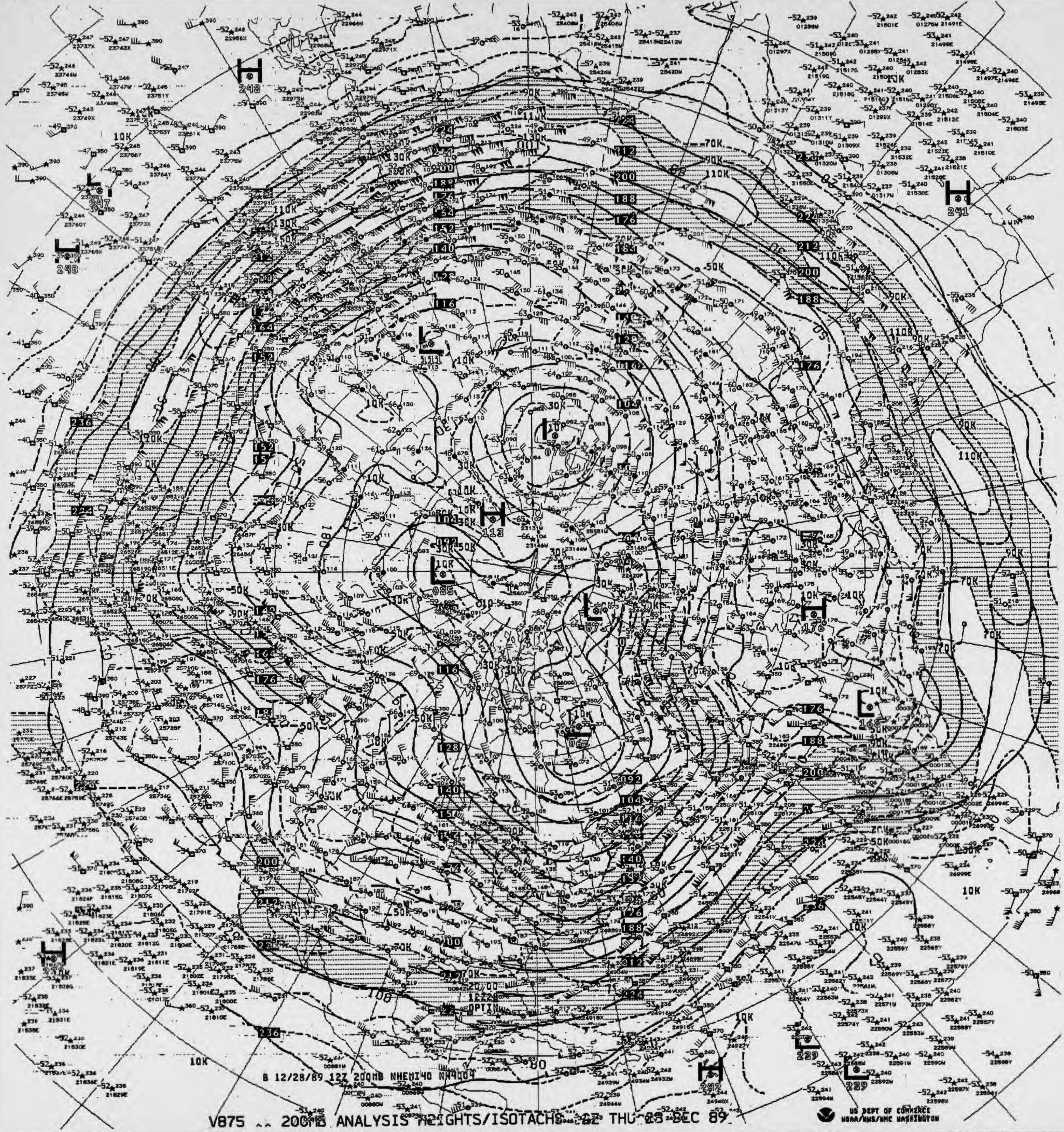
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/28/89 00Z 200MB NHEMI40 NH4004
H
241
H
L
241
247
L
085
L
071
L
068
236
224
212
200
188
176
164
152
140
128
116
104
092
10K
30K
50K
70K
90K
110K
130K
OPTIN

V825 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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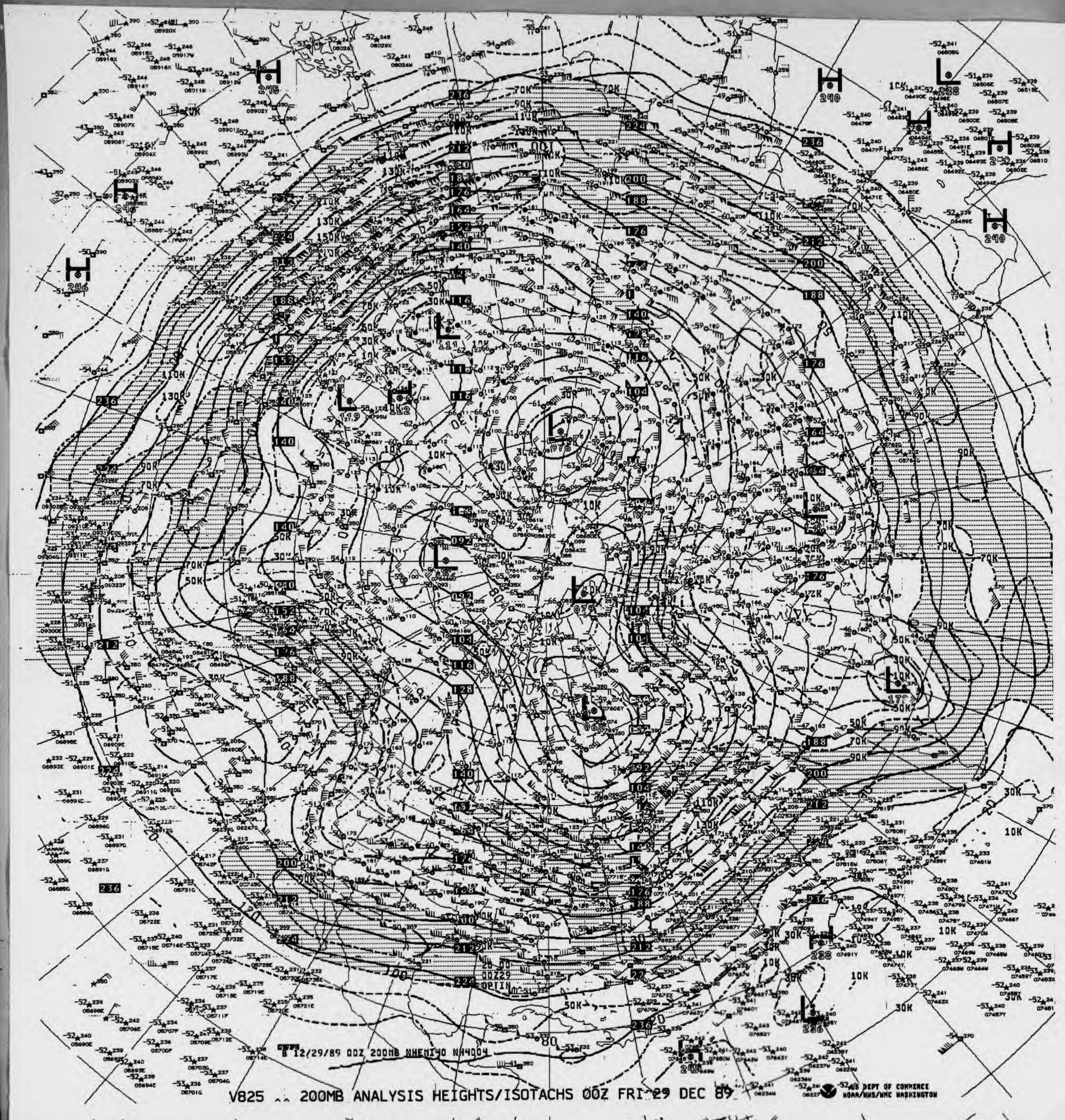
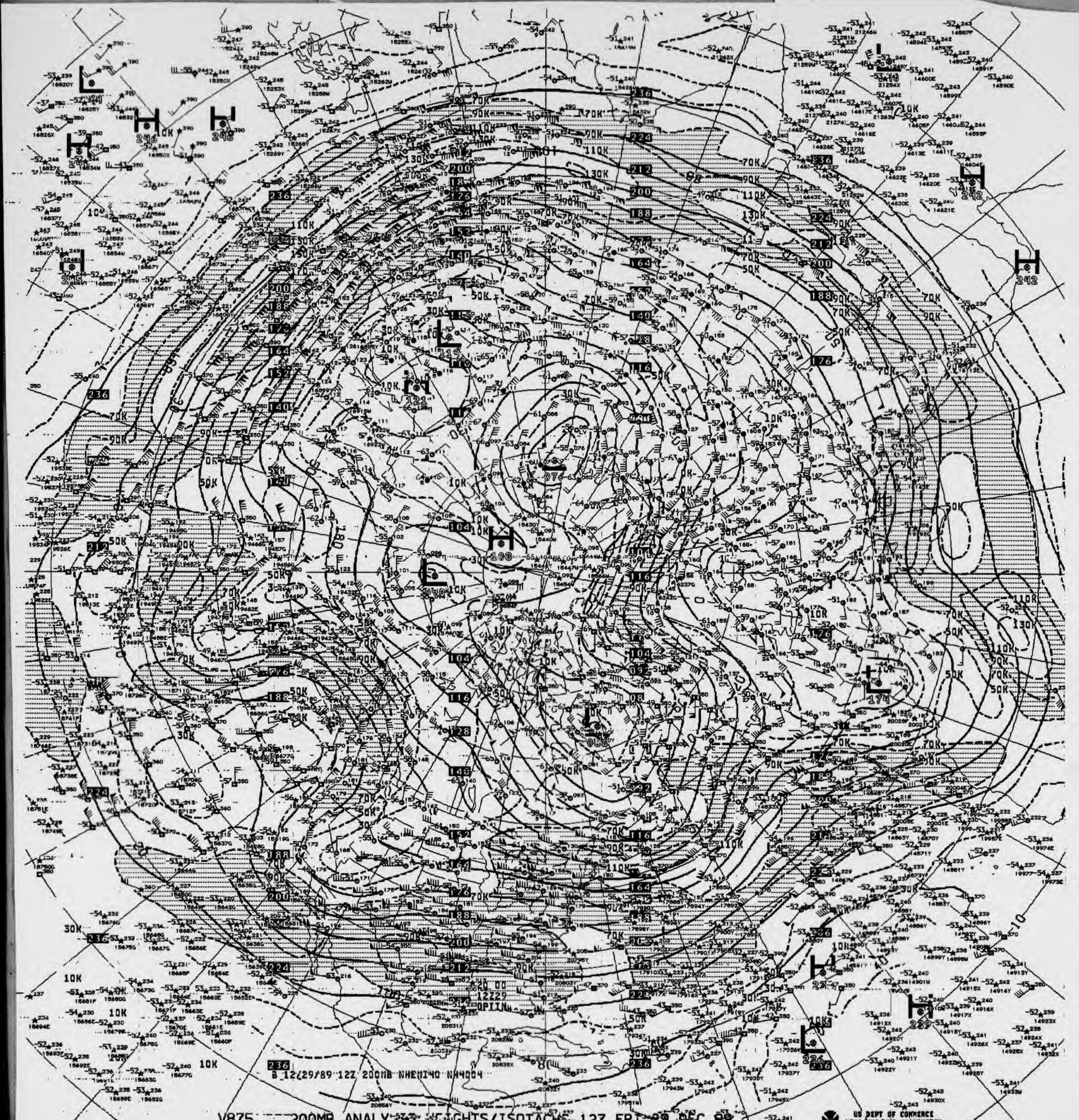
V875 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/29/89 00Z 200MB NHEMI40 NH4004
H 240
H 240
H 240
H 240
L 238
L 111
L 119
H 122
L 076
L 075
L 068
L 172
H 238
L 226
L 240
236
224
212
200
188
176
164
152
140
128
116
104
092
110K
130K
150K
90K
70K
50K
30K
10K
00Z29
OPTIN

V825 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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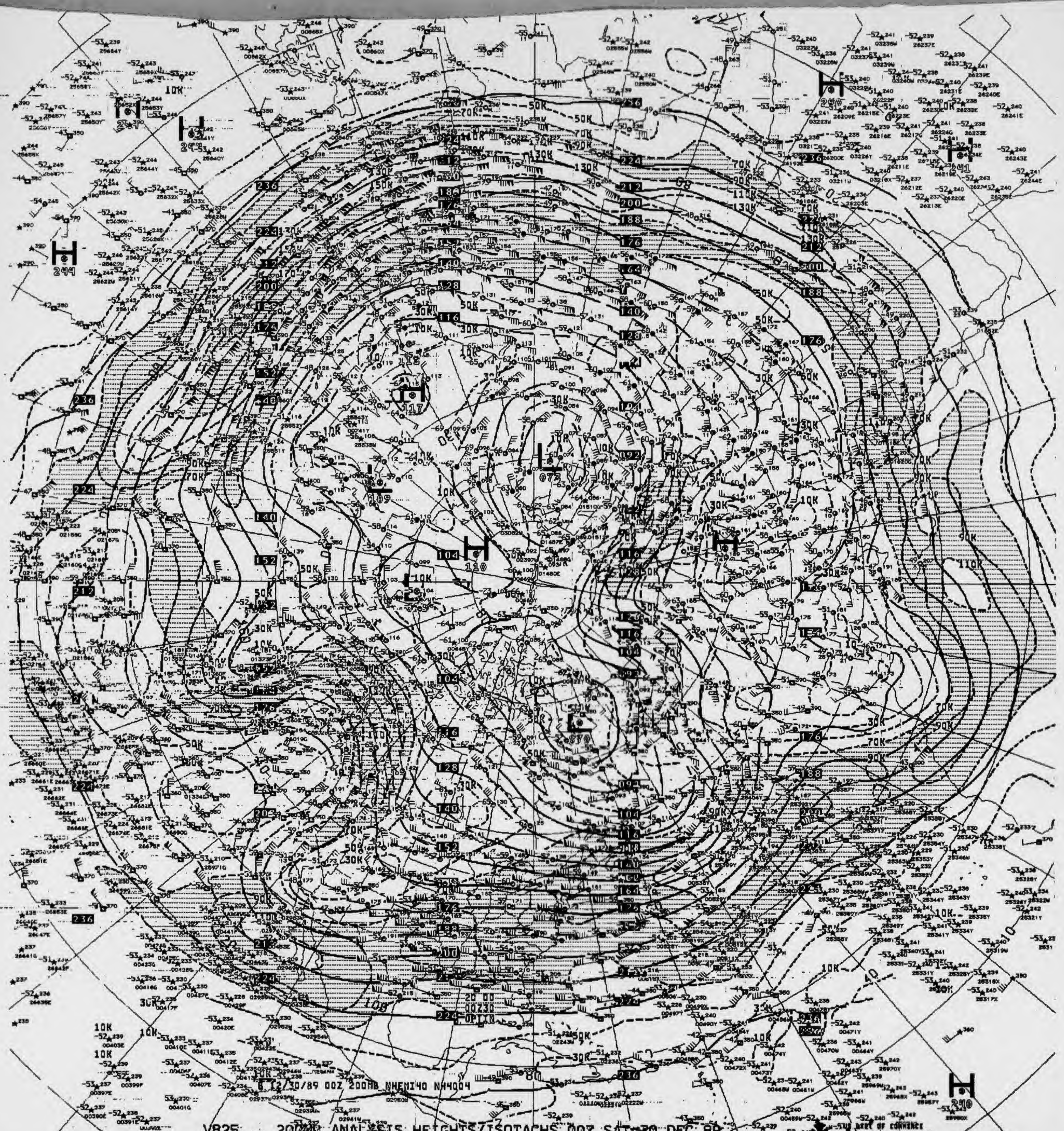
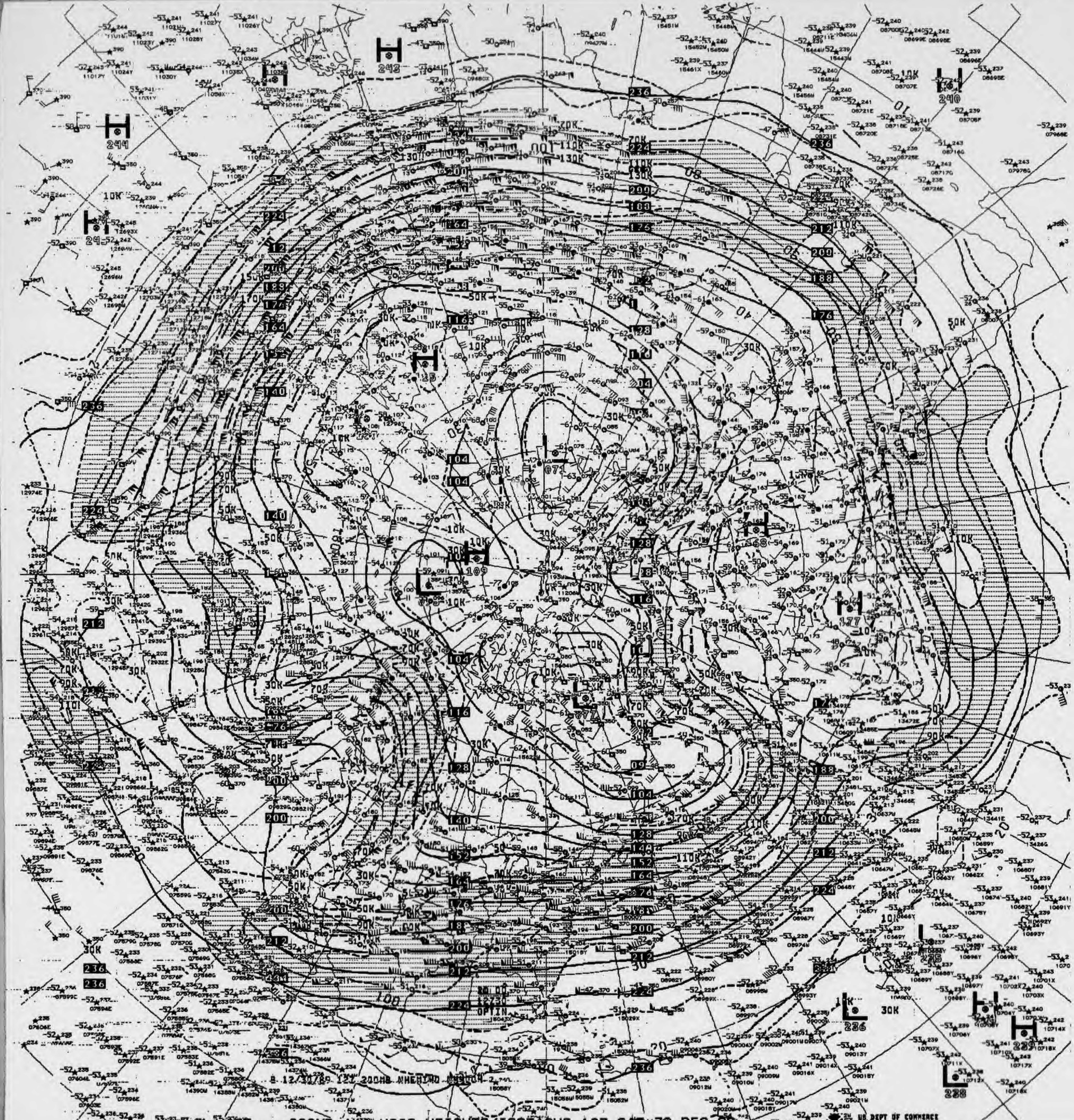
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


6 12/30/89 00Z 200MB NHEM140 NH4004
20 00
00Z30
OPTIN

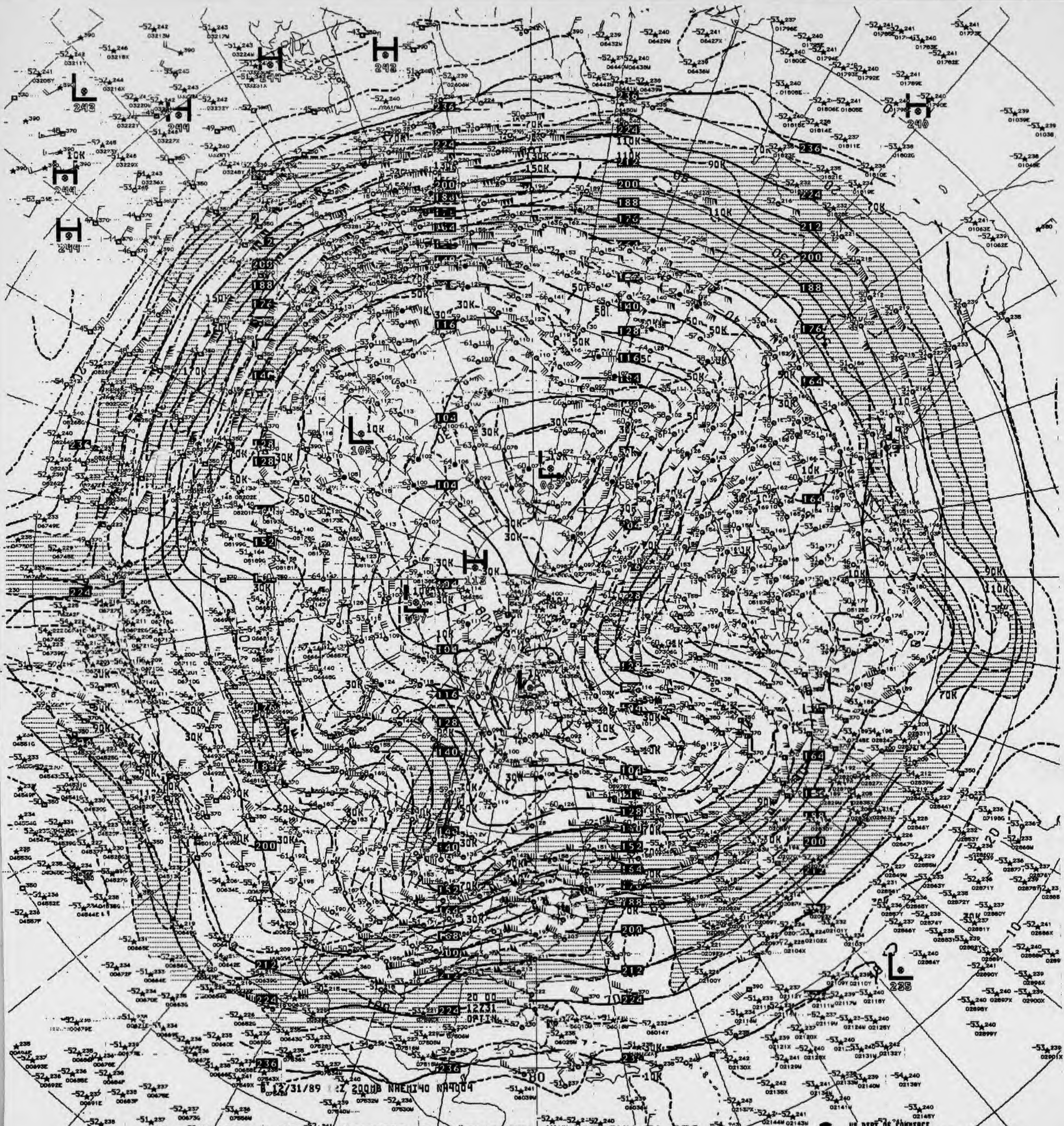
V825 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 30 DEC 89

U.S. DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


8 12/30/89 12Z 200MB NHEMIND

1275 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


12/31/89 12Z 200MB NHEMI40 NA4004

V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 31 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON 243

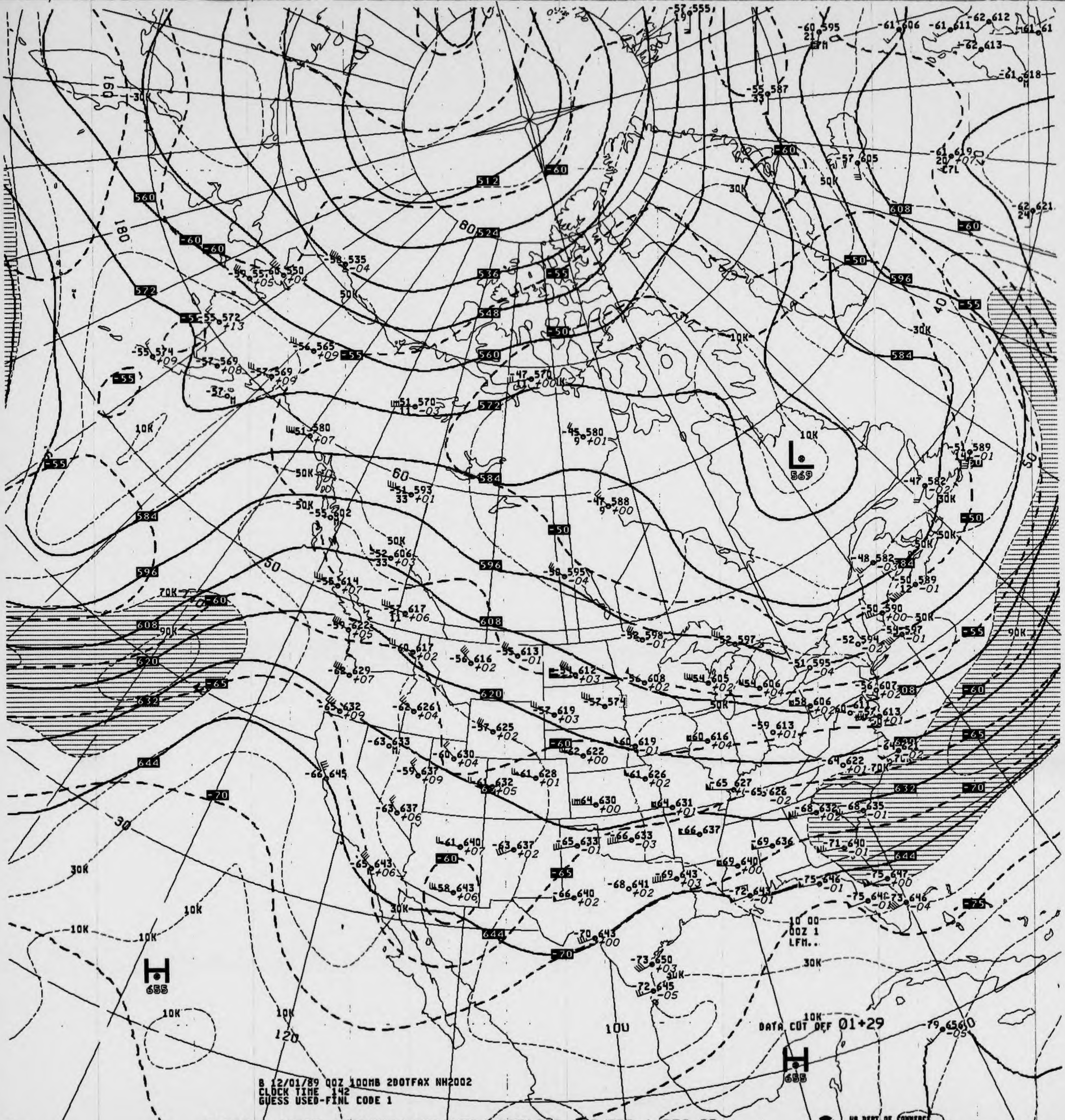
NOAA Form 48-365A
(Rev. 8-83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

100 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

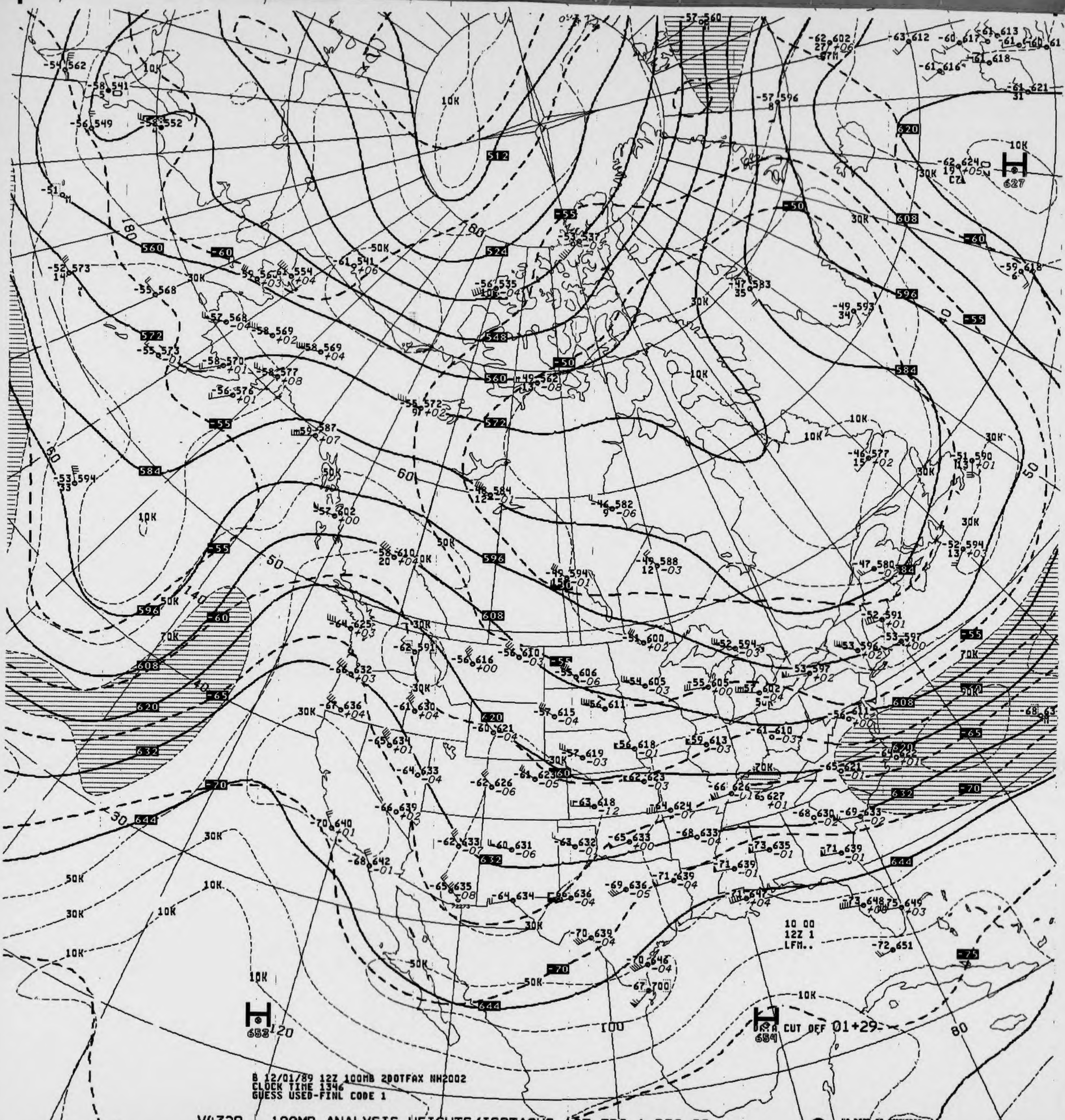
ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING


512
524
536
548
560
572
584
596
608
620
632
644
-50
-55
-60
-65
-70
-75
L
569
H
655
H
655
10K
30K
50K
70K
90K
DATA CUT OFF 01+29
10 00
00Z 1
LFM..

B 12/01/89 00Z 100MB 200TFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 1 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
627
H
652
H
654
10K
30K
50K
70K
512
524
548
560
572
584
596
608
620
632
644
-50
-55
-60
-65
-70
-75
10 00
12Z 1
LFM..
DATA CUT OFF 01+29

B 12/01/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1

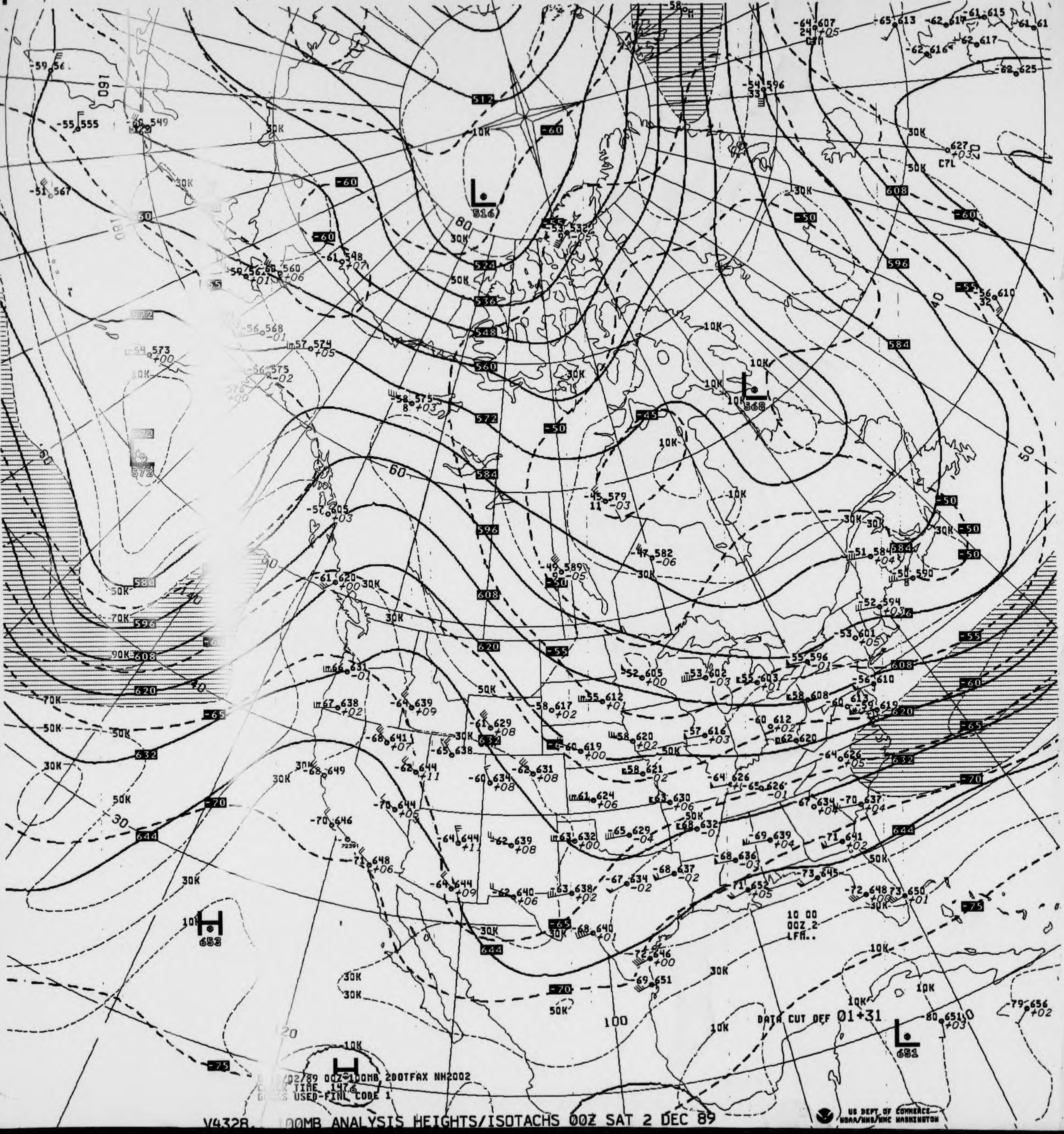
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 1 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

100MB

-67 648

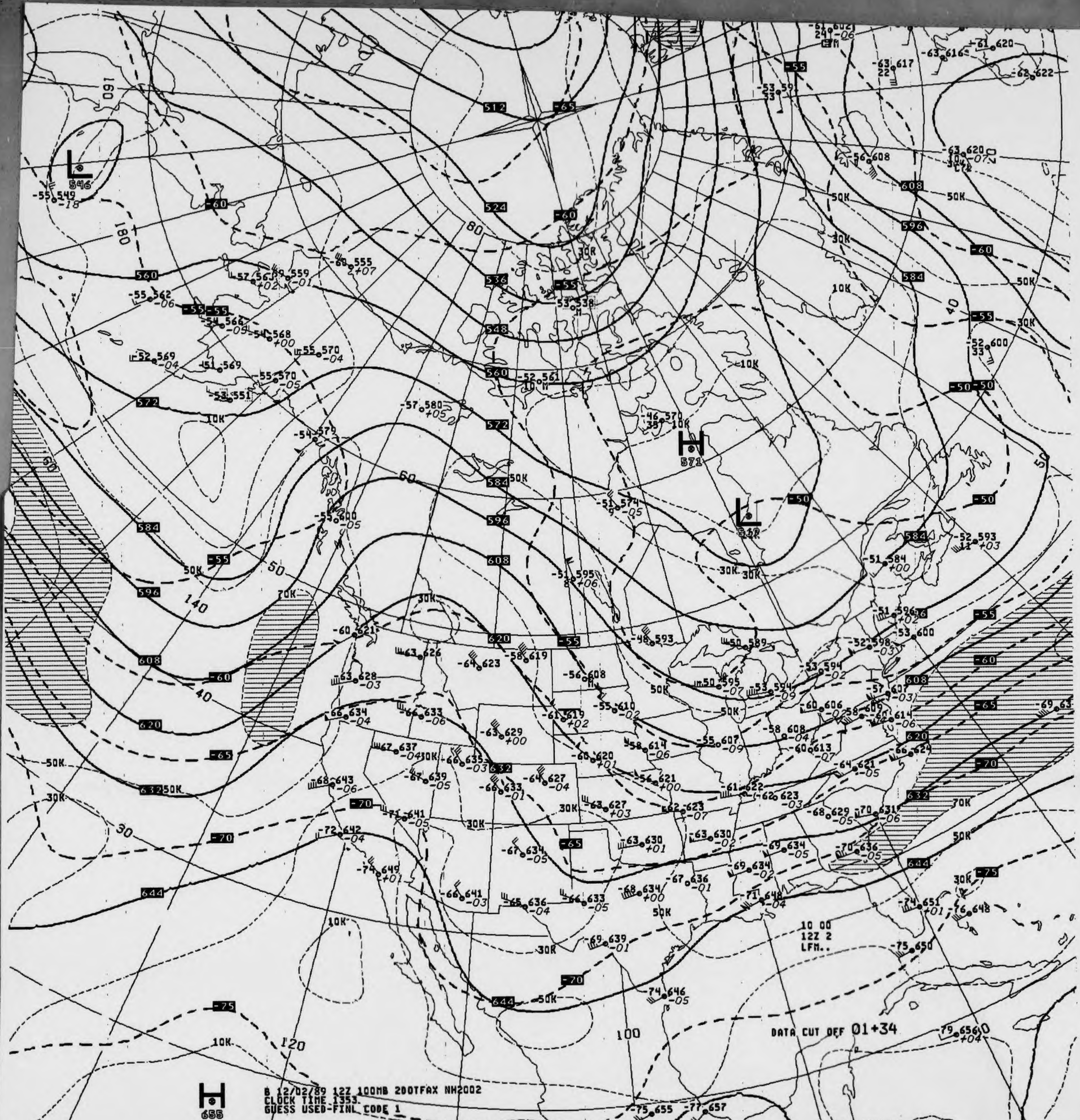
ID 72391
LAT/LONG 34N119W


L 516
L 568
H 653
L 651
512
524
536
548
560
572
584
596
608
620
632
644
-60
-50
-45
-55
-65
-70
-75
10K
30K
50K
70K
90K
160
180
100
120
10 00
00Z 2
LFM..
DATA CUT OFF 01+31

12/02/89 00Z 100MB 200TFAX NH2002
CLOCK TIME 1476
GUESS USED-FINL CODE 1

V4328. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 2 DEC 89

US DEPT OF COMMERCE—
NOAA/NWS/NMC WASHINGTON

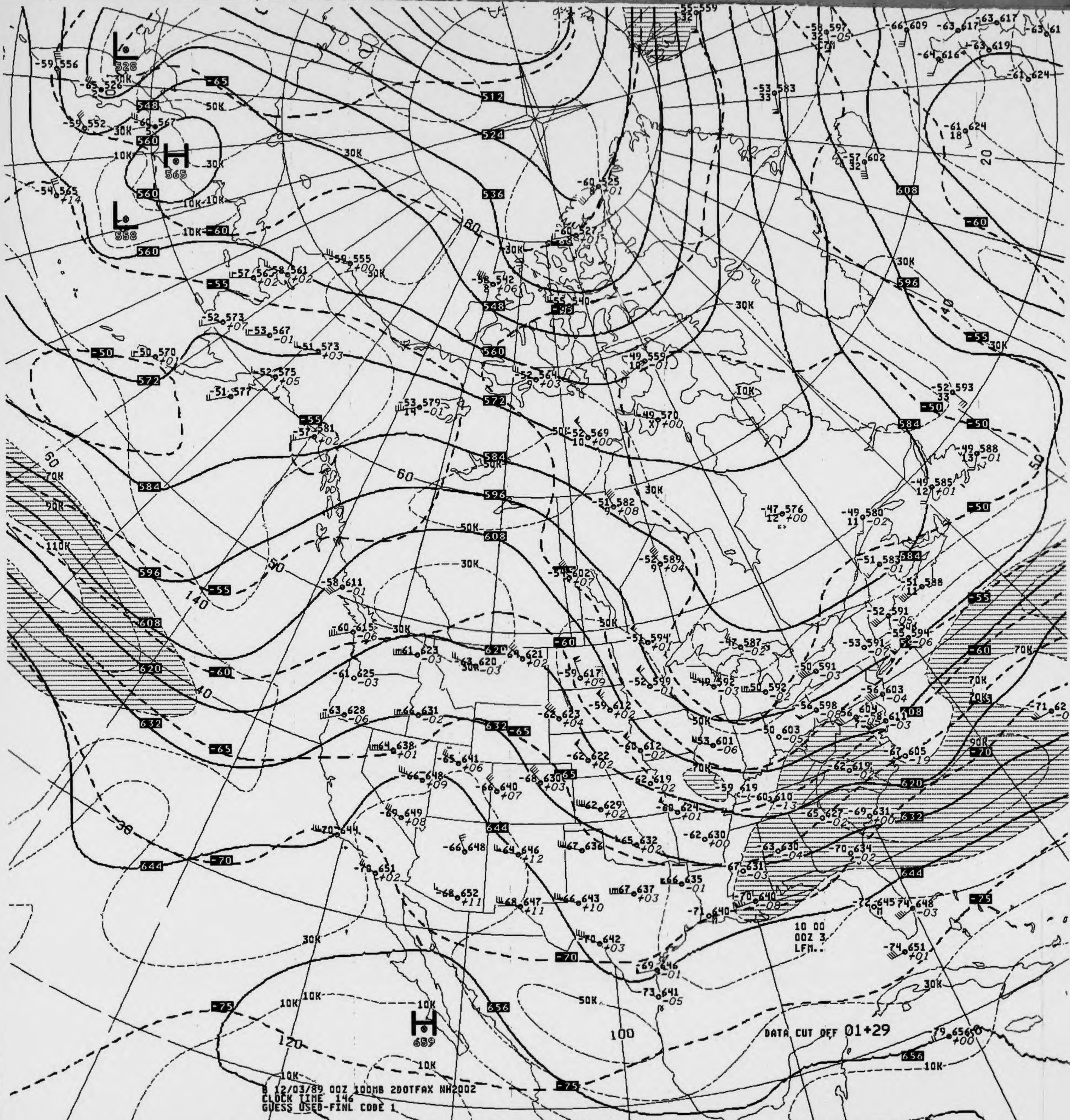

L
546
H
571
L
542
H
655
512
524
536
548
560
572
584
596
608
620
632
644
-50
-55
-60
-65
-70
-75
10K
30K
50K
70K
40
50
60
80
30
100
120
140
160
180
10 00
12Z 2
LFM..

DATA CUT OFF 01+34

B 12/02/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1353.
GUESS USED-FINL CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 2 DEC 89

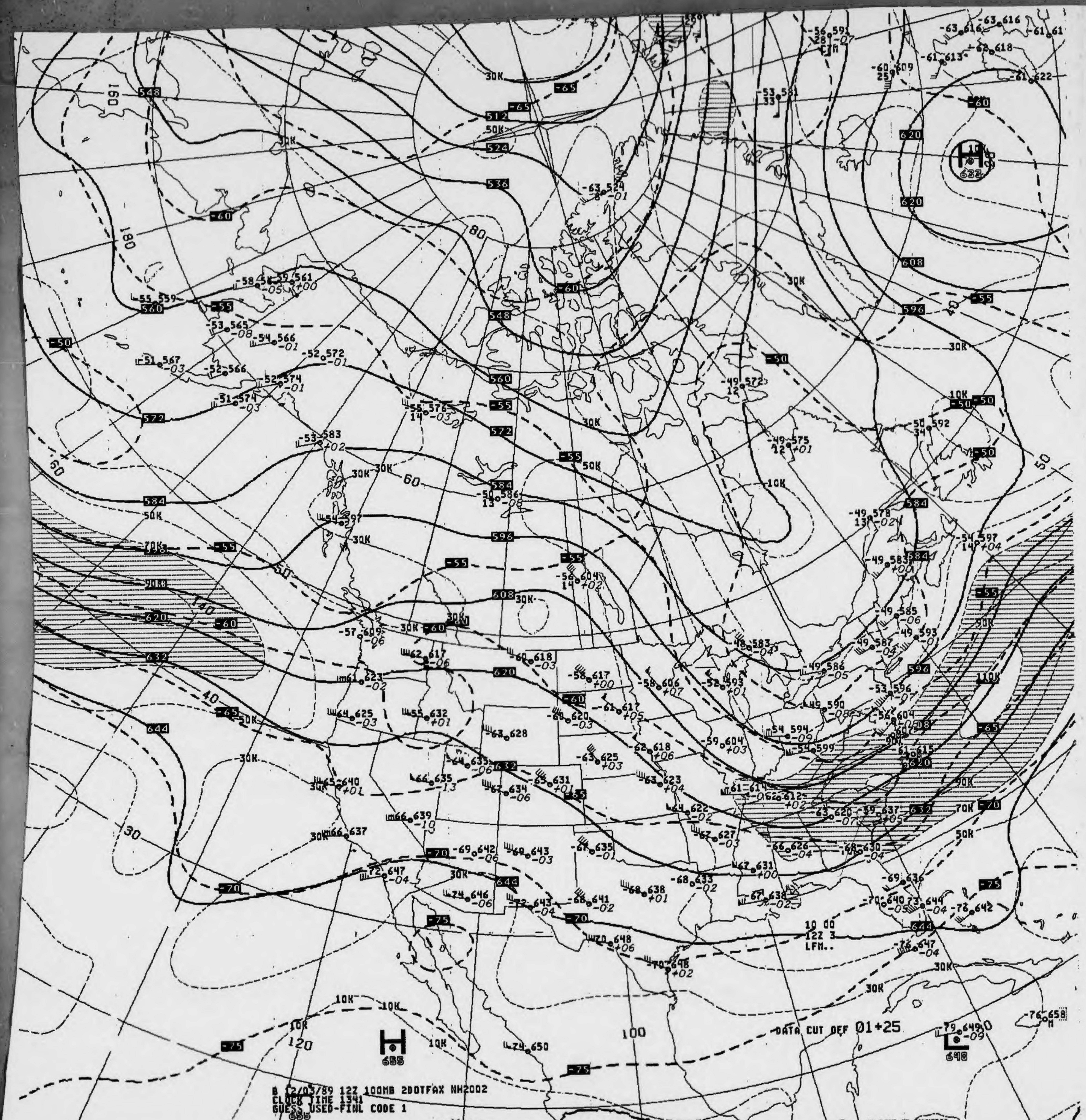


L
528
H
565
L
558
H
659
512
524
536
548
560
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
10K
30K
50K
70K
90K
110K
20
30
40
50
60
80
100
120
140
DATA CUT OFF 01+29
10 00
00Z 3
LFM..

B 12/03/89 00Z 100MB 2D0TFAX NH2002
CLOCK TIME 146
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 3 DEC 89

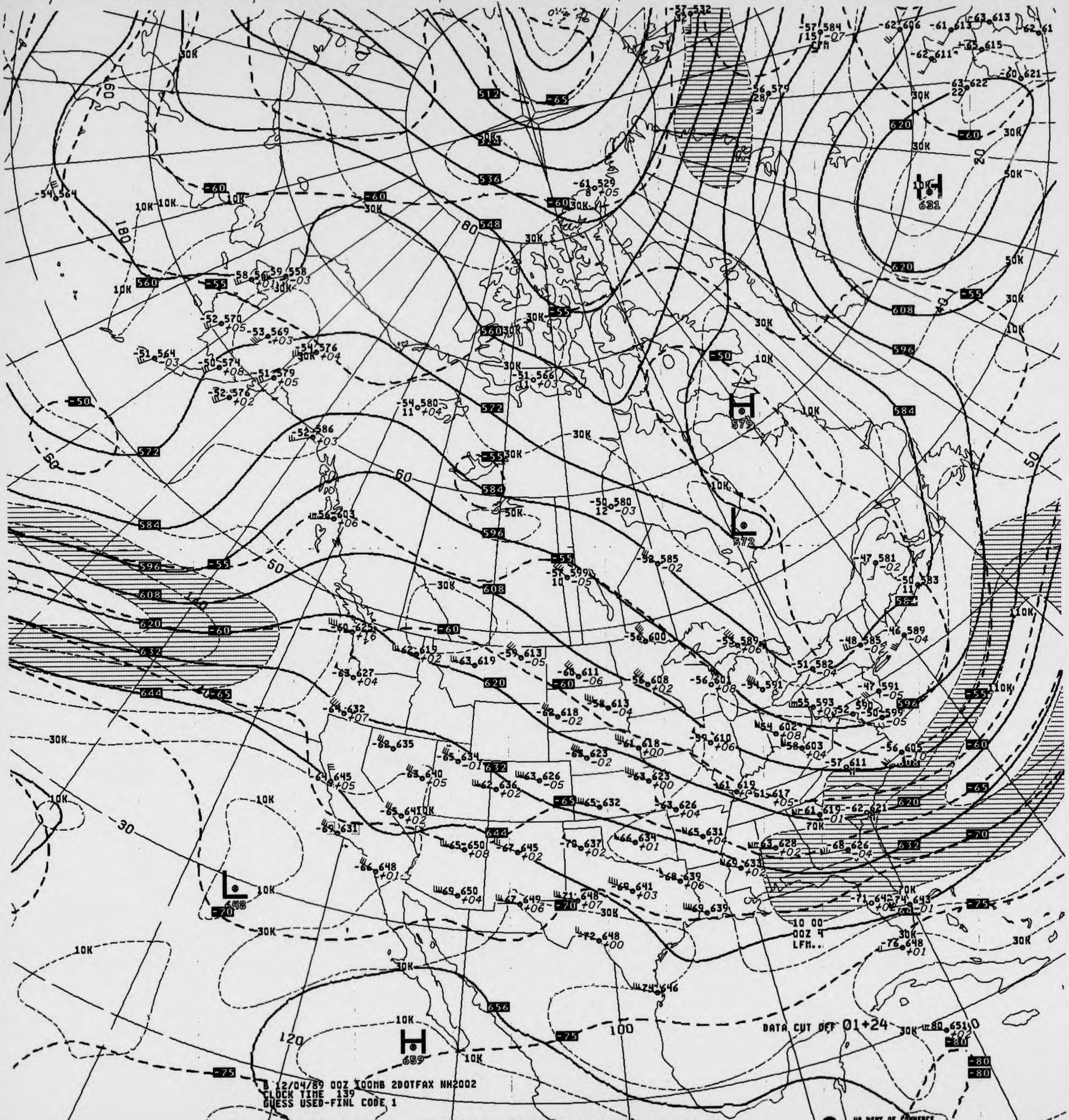
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+25
10 00
12Z 3
LFM..

B 12/03/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1341
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

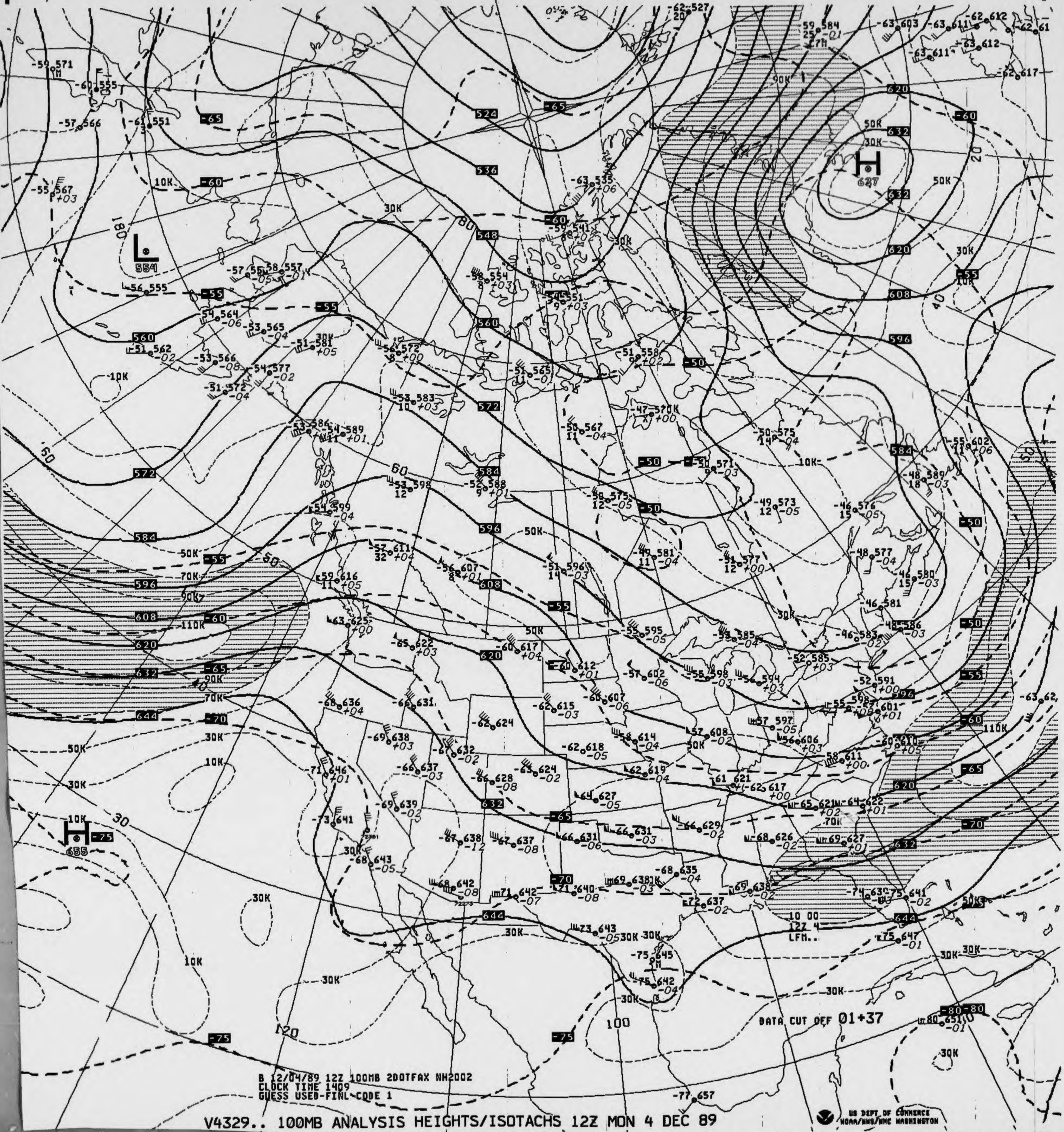


DATA CUT OFF 01+24
B 12/04/89 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
10 00
00Z 4
LFM..

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 4 DEC 89

100MB

ID 72273 72381
LAT/LONG 31N110W 34N116W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H
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-50
-55
-60
-65
-70
-75
-80
10K
30K
50K
70K
90K
110K
180
120
100
20
40
60
80
10 00
12Z 4
LFM..
DATA CUT OFF 01+37

B 12/04/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1409
GUESS USED-FINL CODE 1

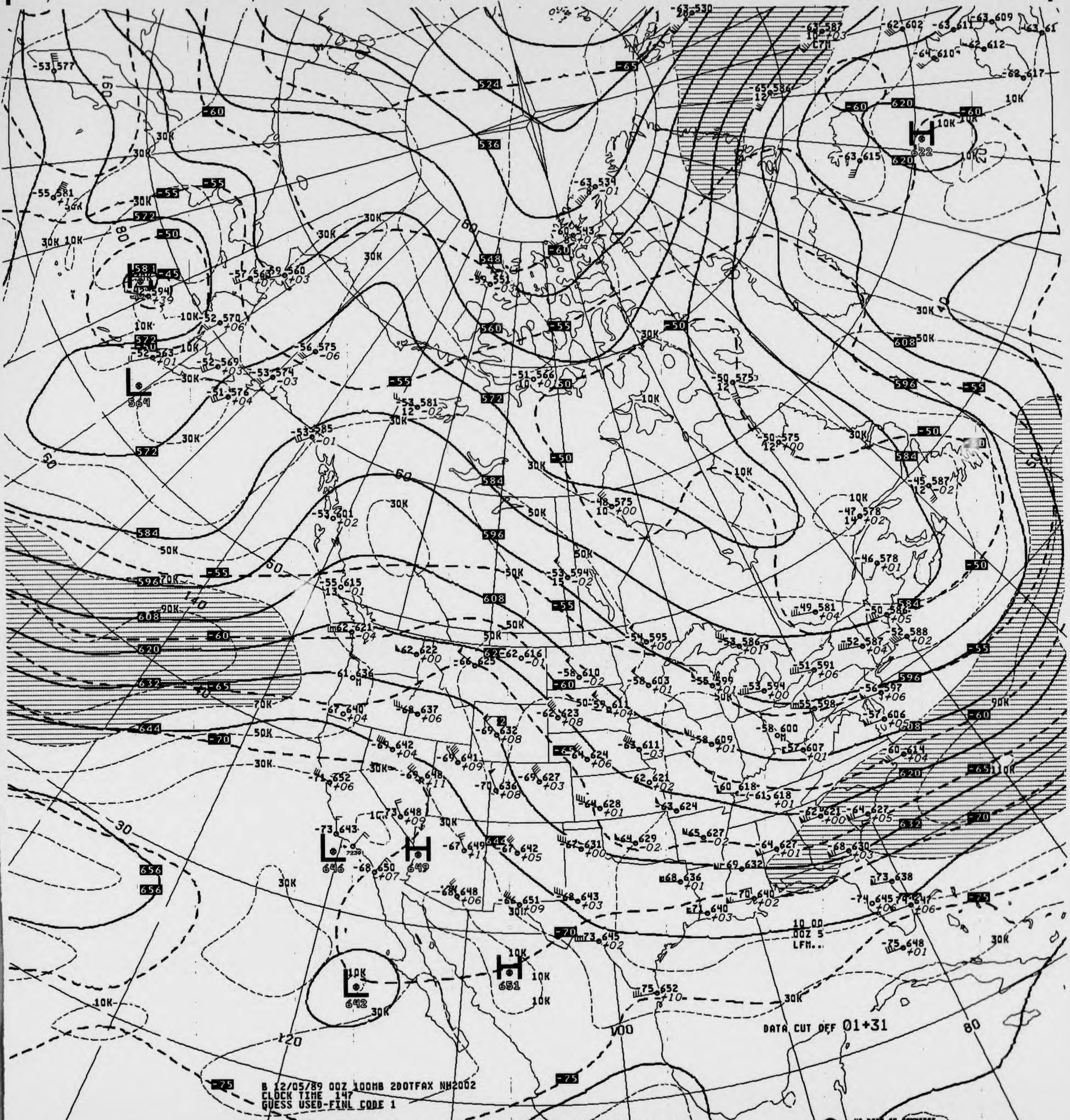
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

100MB

-72 647

ID 72391
LAT/LONG 34N119W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L 564
L 646
H 649
L 642
H 651
DATA CUT OFF 01+31
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LFM..

B 12/05/89 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

100MB

-73 644 -74 638
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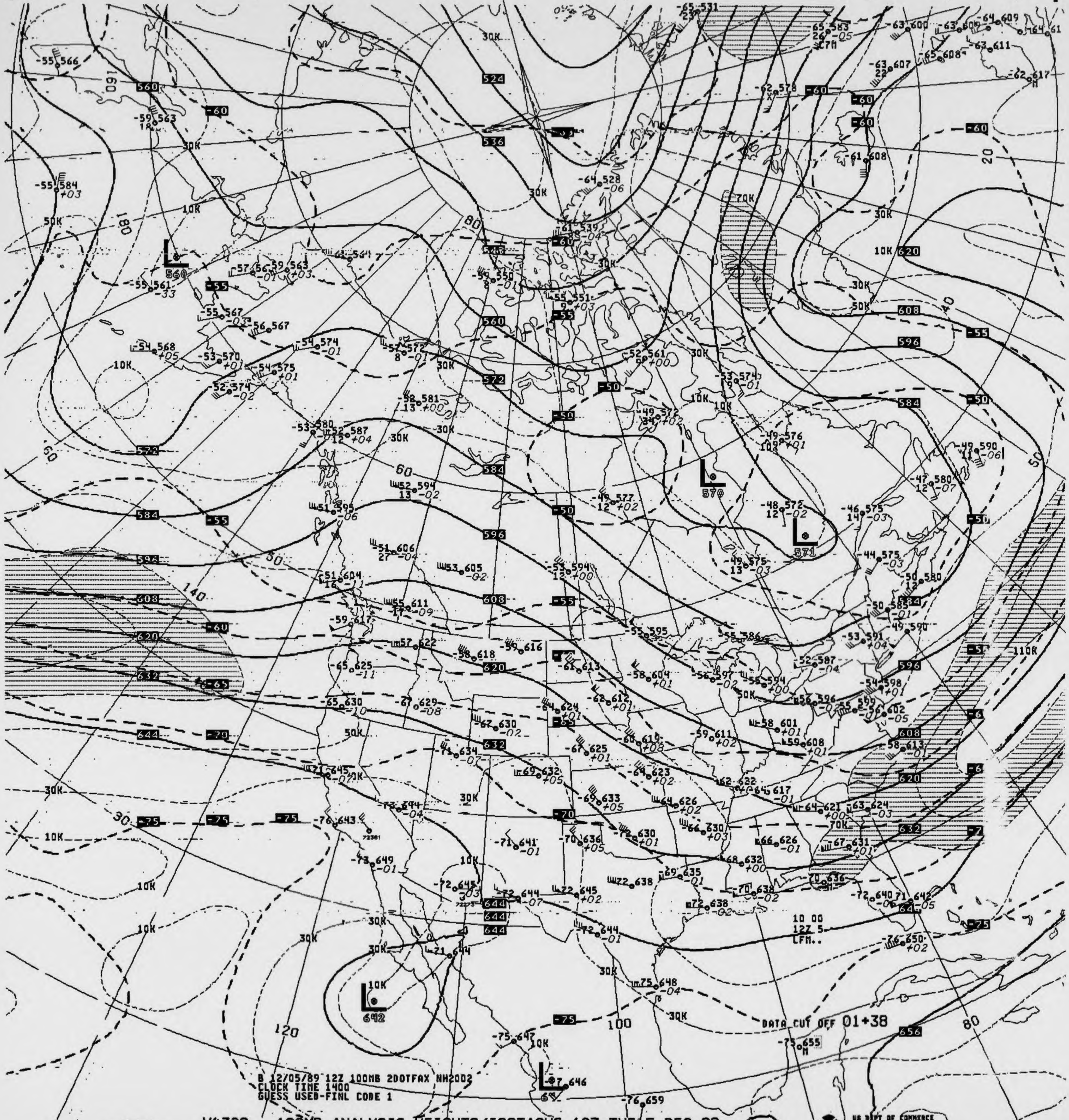
ID	72273	72381
LAT/LONG	31N110W	34N116W



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CLOCK TIME 1400
GUESS USED-FINL CODE 1
DATA CUT OFF 01+38
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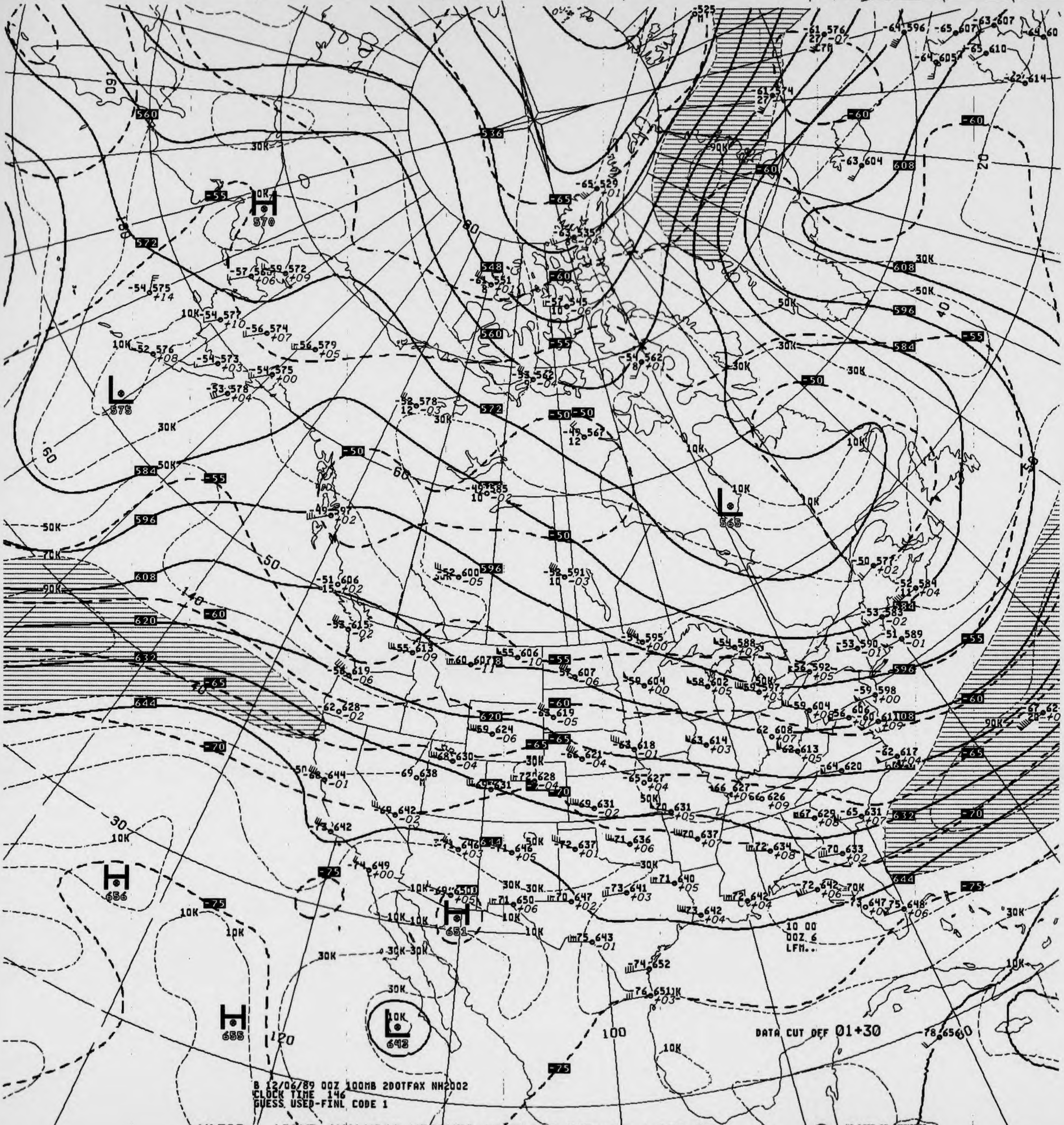
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 5 DEC 89

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON

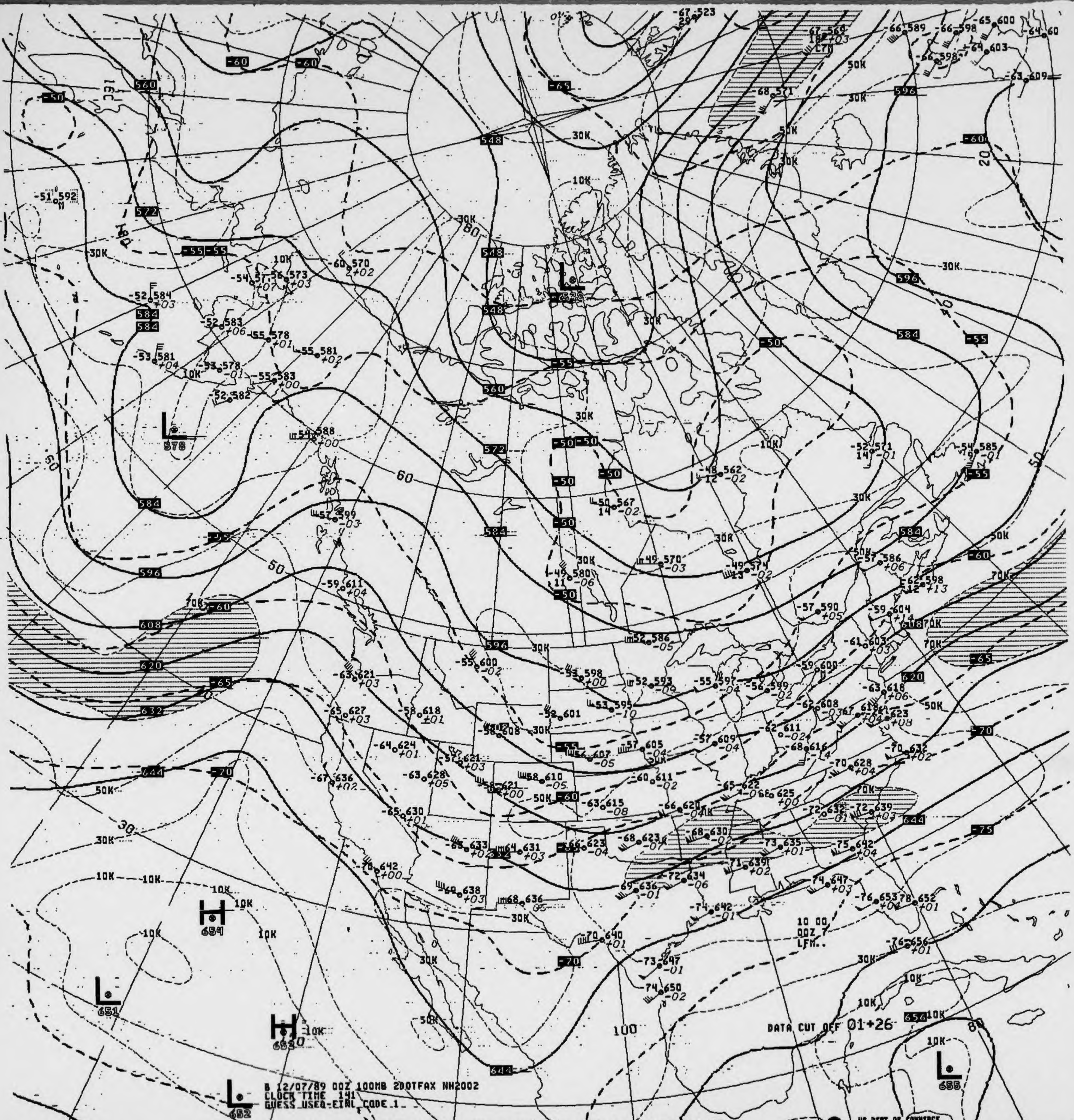


H
570
L
575
H
656
H
655
L
643
H
651
L
565
10 00
00Z 6
LFM..
DATA CUT OFF 01+30

B 12/06/89 00Z 100MB 200TFAX NH2002
CLOCK TIME 146
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 6 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 141
GUESS USED-EINL CODE 1
DATA CUT OFF 01+26
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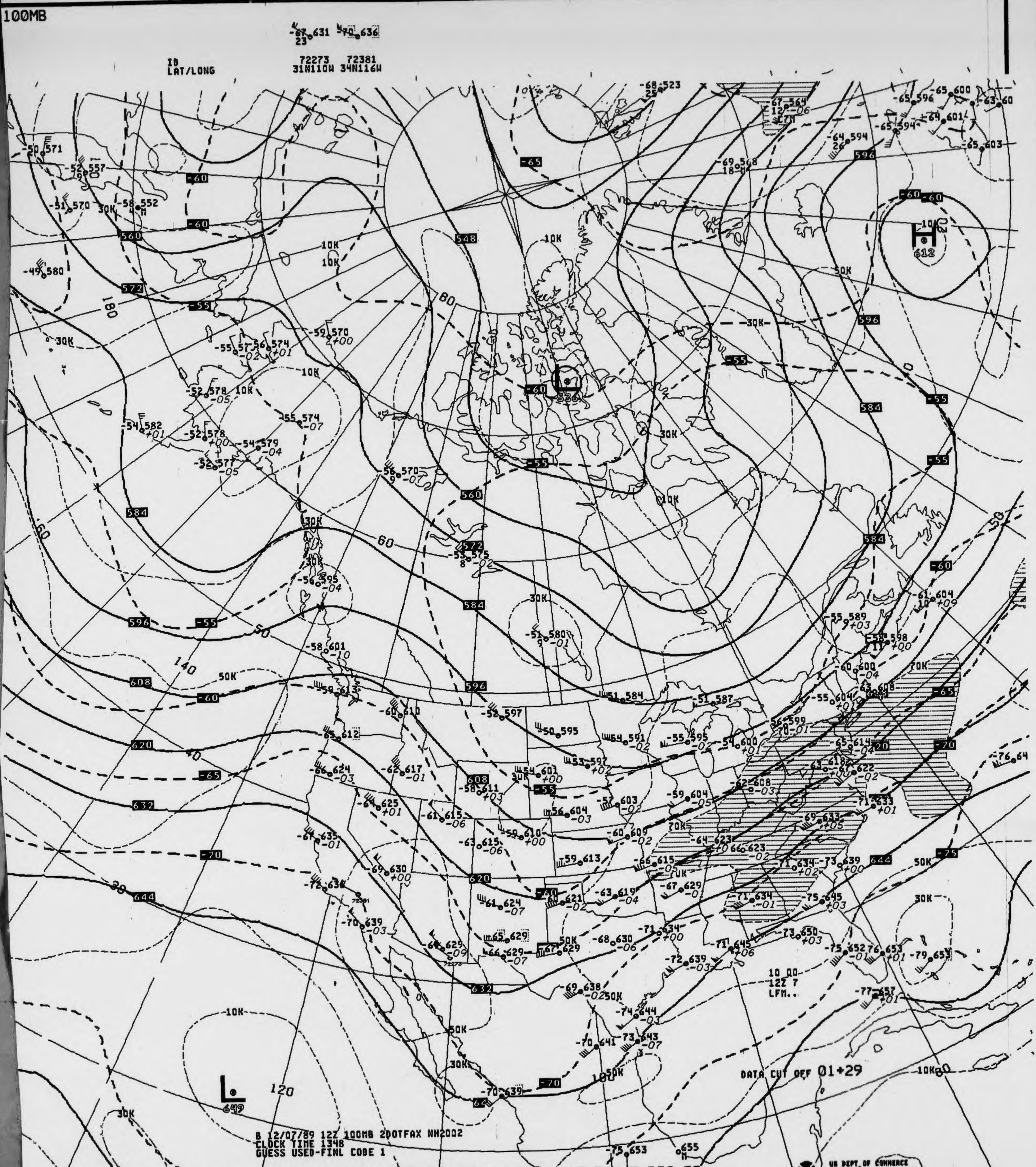
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 7 DEC 89


100MB
ID
LAT/LONG
72273 72381
31N110W 34N116W
DATA CUT OFF 01+29
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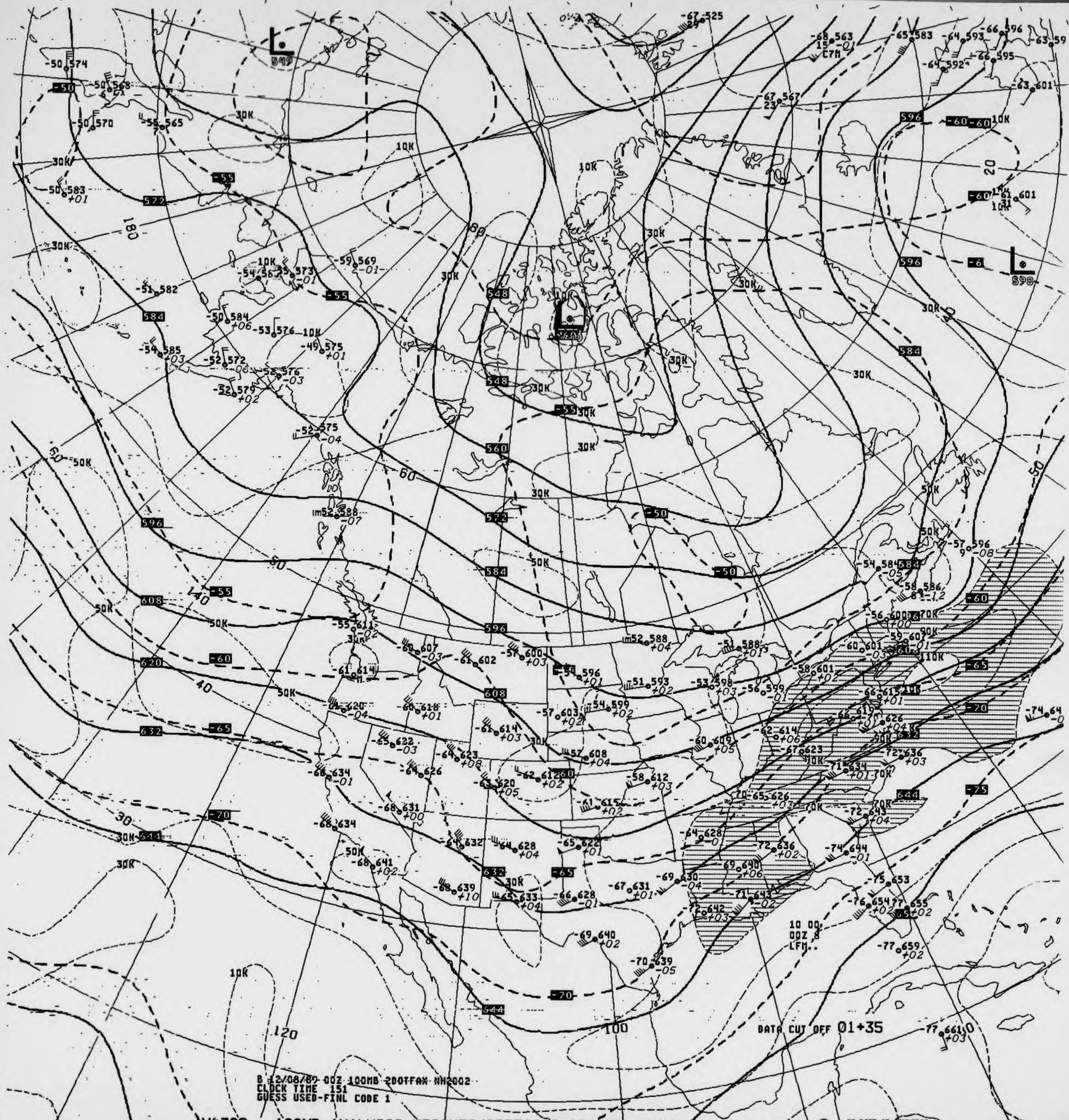
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 12/07/89 12Z 100MB 20OTFAX NH2002
CLOCK TIME 1348
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 7 DEC 89



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560
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596
608
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10K
30K
50K
70K
90K
110K
180
140
120
100
60
50
40
30
20
DATA CUT OFF 01+35
10 00
00Z 8
LFM..
8 12/08/89 00Z 100MB 200TFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1

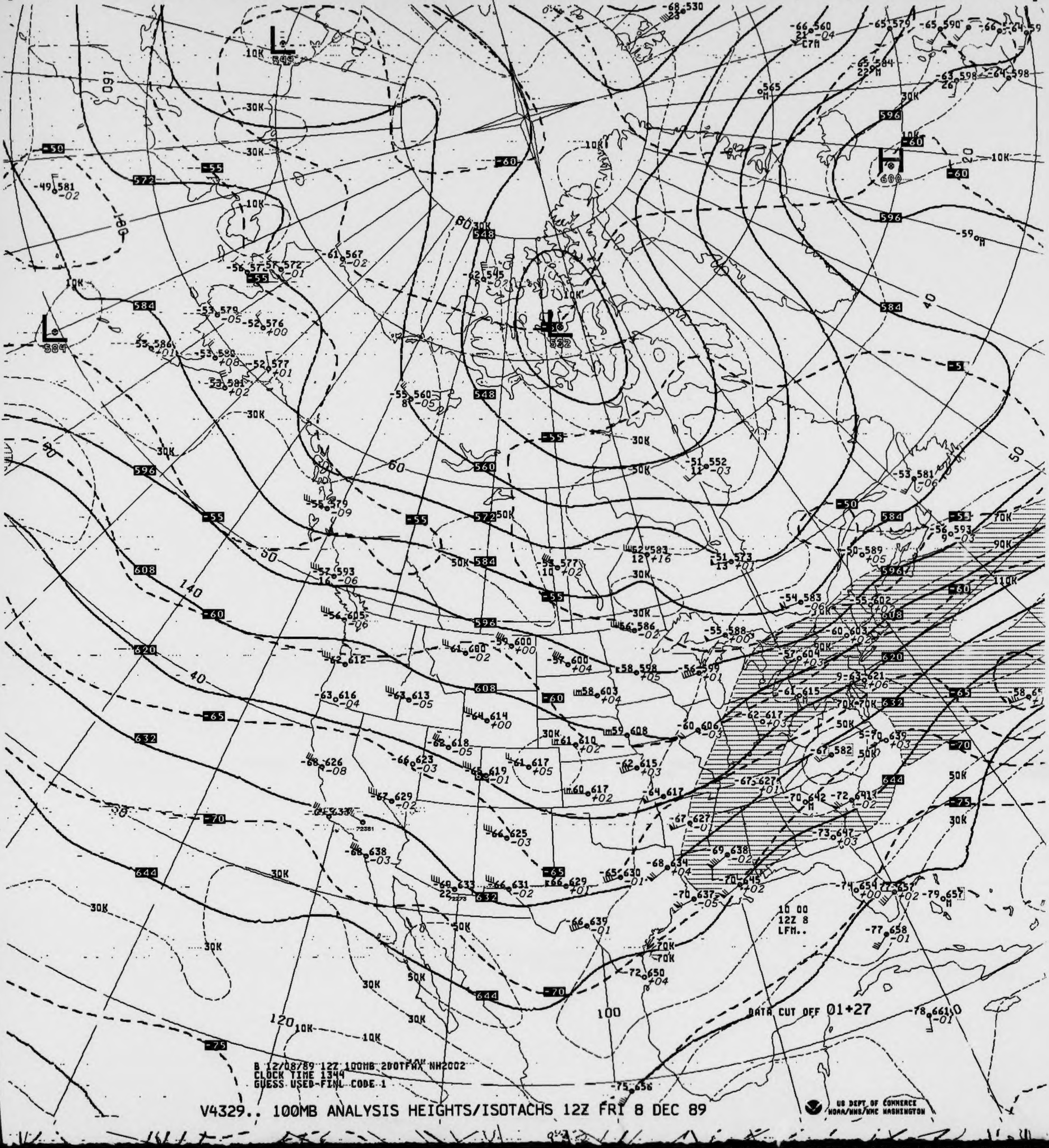
V4328 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

100MB

638

ID /2381
LAT/LONG 34N116W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L
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90
140
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100
120
20
-50
-55
-60
-65
-70
-75
548
560
572
584
596
608
620
632
644
-68 530
-66 560
-65 579
-65 590
-66 598
-64 598
-63 598
-65 584
565
-59
-49 581 -02
-61 567 -02
-62 545
-56 572 -01
-53 579 -05
-52 576 +00
-53 586 +01
-53 580 +08
-52 577 +01
-53 581 +02
-55 560 -05
-51 552 -03
-53 581 -06
-55 579 -09
-57 593 -06
-56 605 -06
-62 612
-61 600 -02
-59 600 +00
-57 600 +04
-58 598 +05
-56 599 +01
-55 588 +00
-54 583 -06
-55 602 +02
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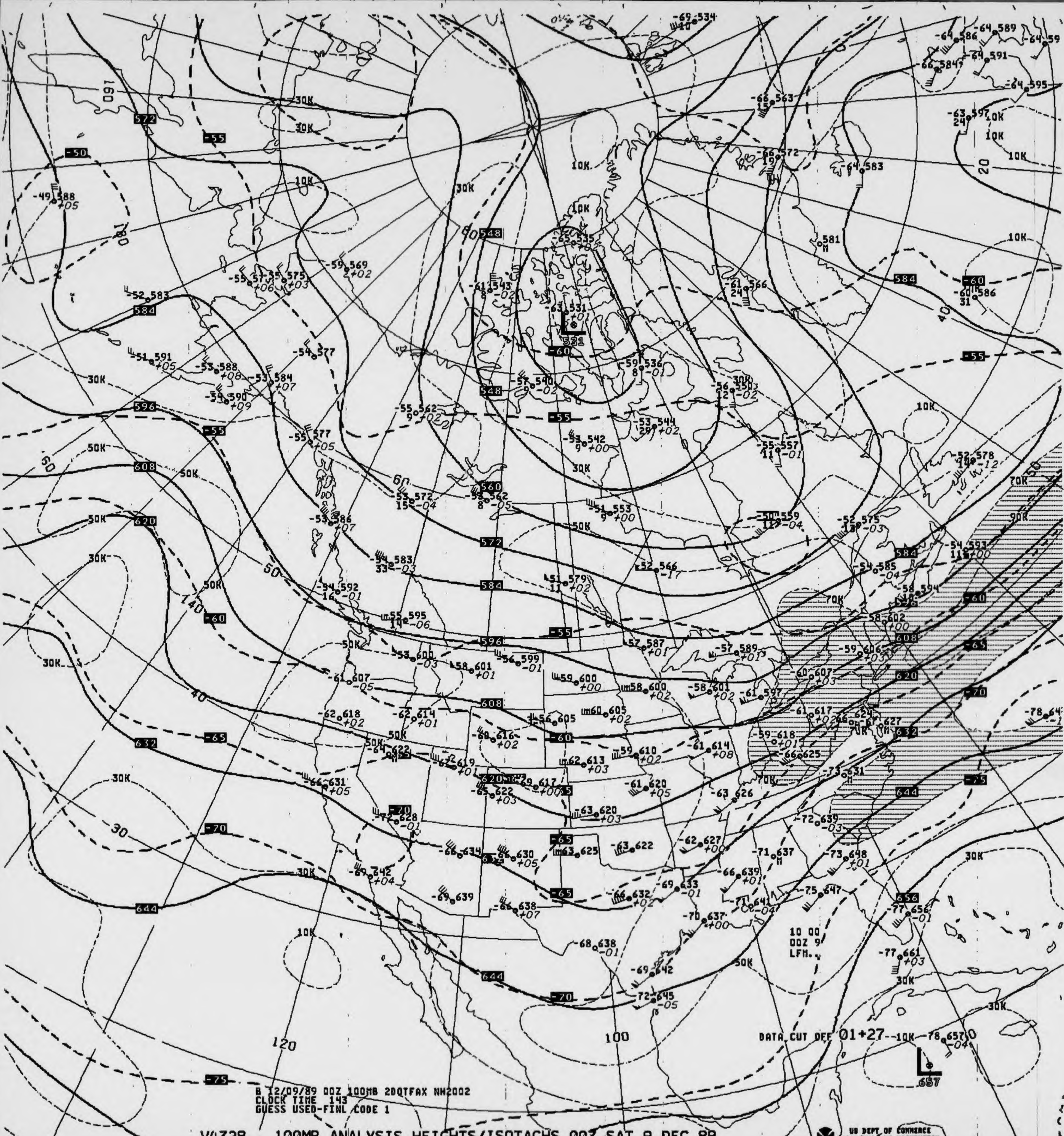
-57 604 +03
-63 621 +06
-61 615
-62 617 +03
-58 603 +04
-59 608
-60 606 -03
-61 610 +02
-62 615 +03
-61 617 +05
-60 617 +02
-64 617
-63 616 -04
-63 613 -05
-64 614 +00
-62 618 -05
-66 623 -03
-65 619 -01
-68 626 -08
-67 629 -02
-66 625 -03
-68 638 -03
-69 633
-66 631 -02
-66 629 +01
-65 630 -01
-68 634 +04
-67 627 -01
-69 638 -02
-70 645 +02
-70 637 -05
-66 639 -01
-67 627 +01
-70 642
-72 641 -02
-67 582
-70 639 +03
-73 647 +03
-74 654 +00
-77 657 +02
-79 657
-77 658 -01
-72 650 +04
-78 661 -01
-75 656
-53 577 +02
-62 583 +16
-51 573 +01
-50 589 +05
-56 593 -03
-58
72381
72273
DATA CUT OFF 01+27
10 00
12Z 8
LFM..

B 12/08/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1344
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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620
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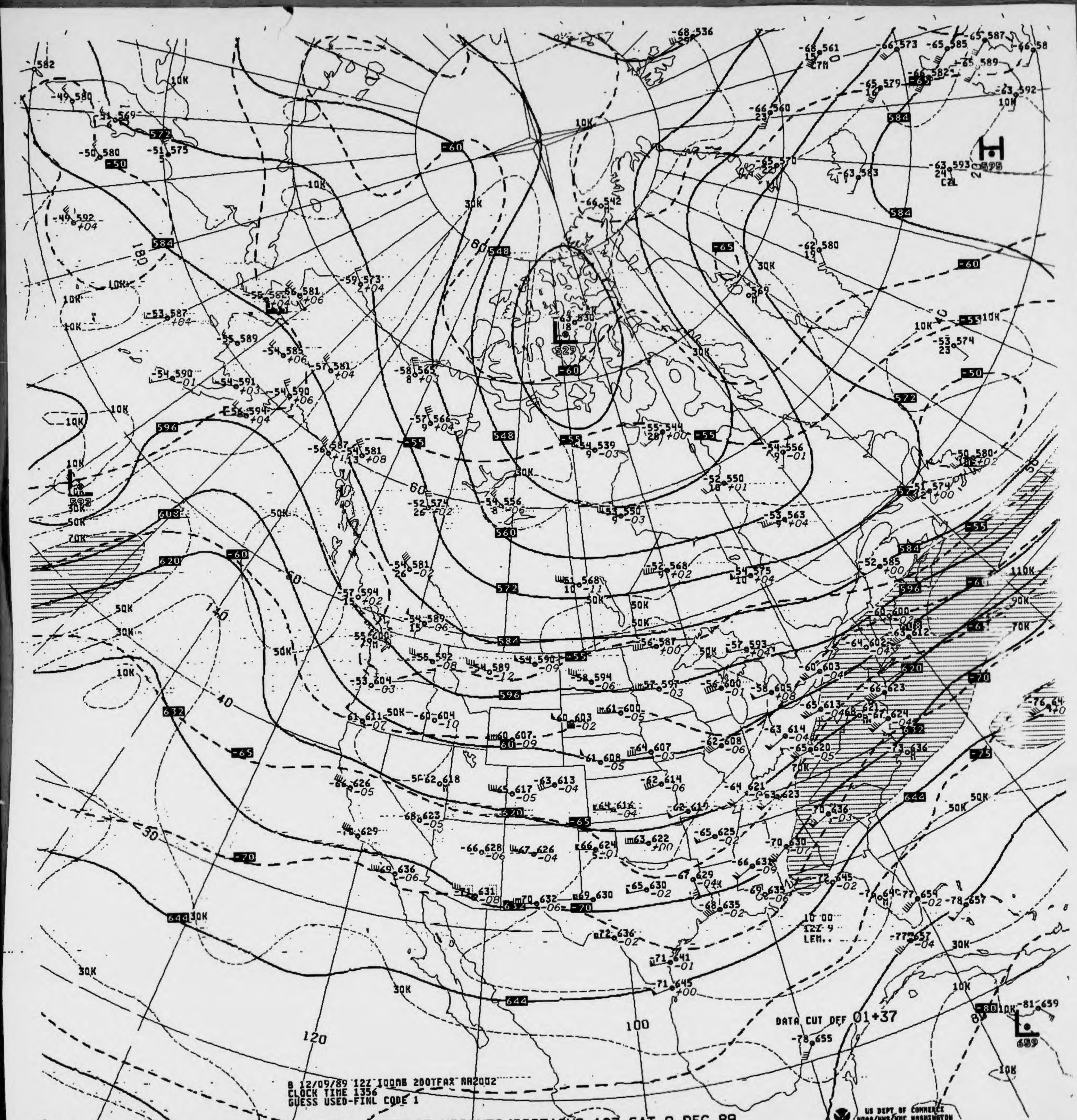
-60
-65
-70
-75
10K
30K
50K
70K
90K
160
180
140
120
100
20
40
50
60
L
531
L
657
DATA CUT OFF 01+27
10 00
00Z 9
LFM..

B 12/09/89 00Z 100MB 20QTFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 9 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+37
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12Z 9
LEM..
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572
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596
608
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632
644
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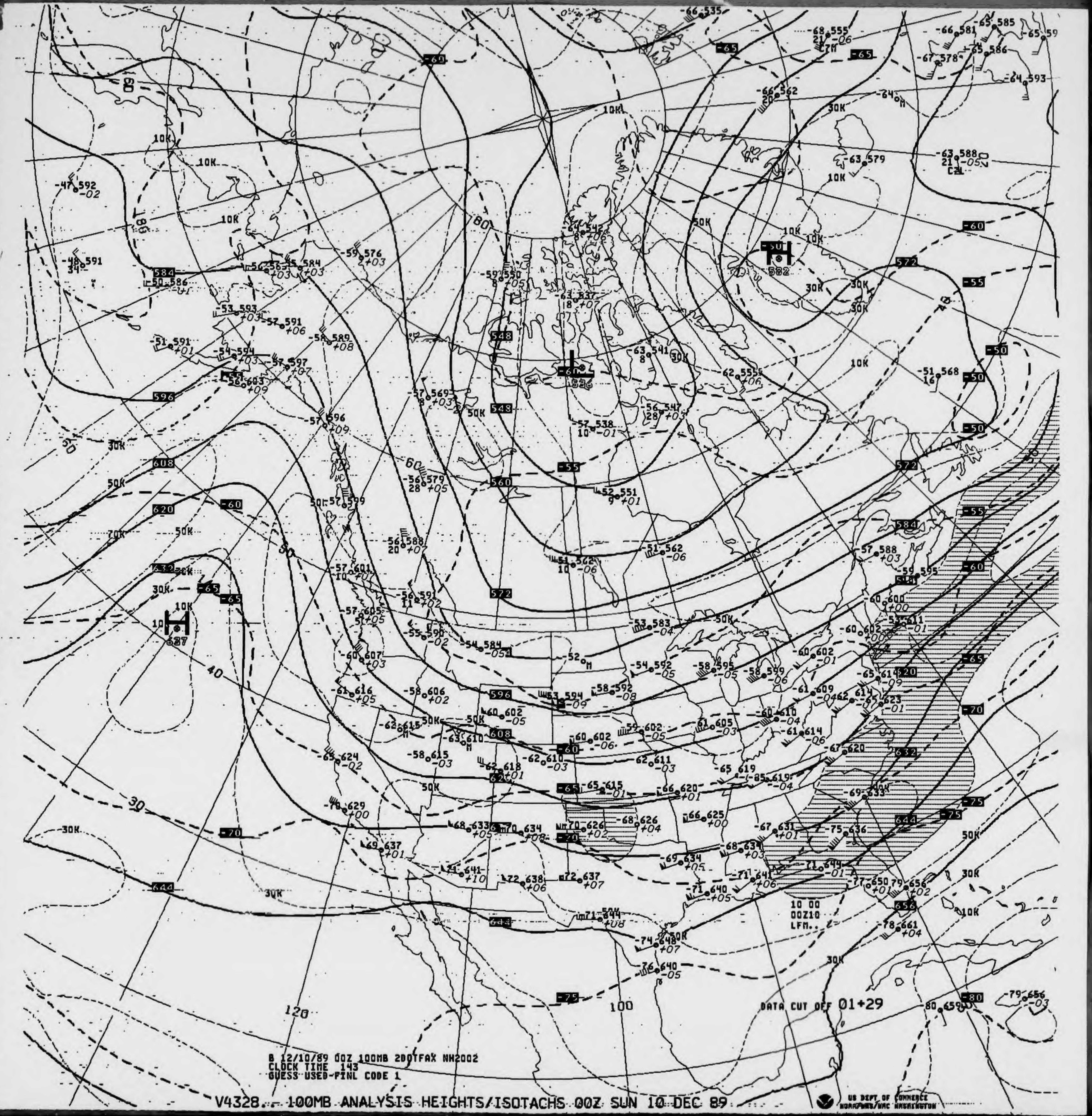
-55
-60
-65
-70
-75
-80
10K
30K
50K
70K
90K
110K
180
140
120
100
80
60
40

B 12/09/89 12Z 100MB 200TFAX AA2002
CLOCK TIME 1356
GUESS USED-FINL CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 9 DEC 89


584
596
608
620
632
644
548
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572
536
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656
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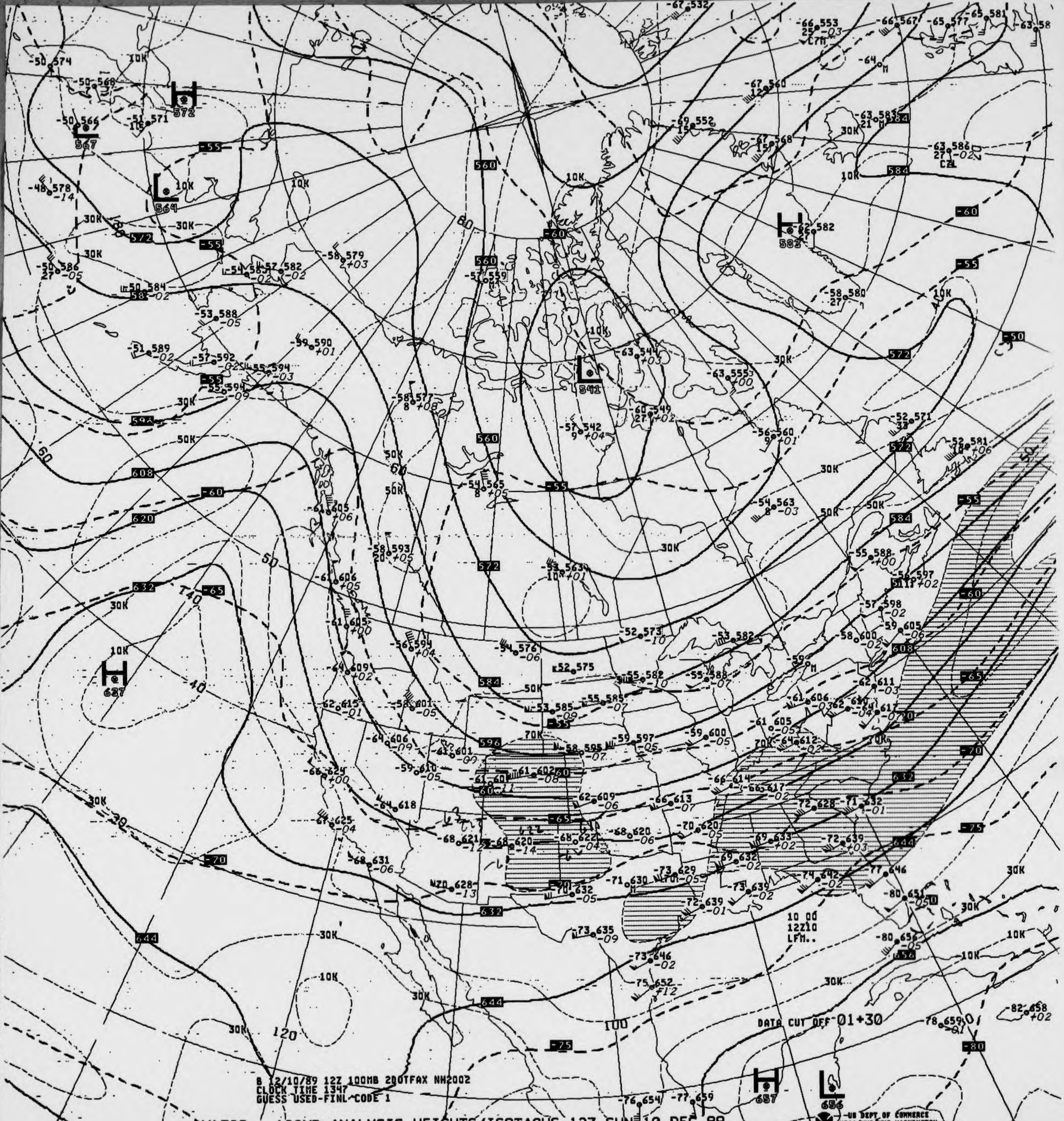
-55
-60
-65
-70
-75
-80
10K
30K
50K
70K
80
60
50
40
30
20
120
100
H
L
DATA CUT OFF 01+29
10 00
00Z10
LFM..

B 12/10/89 00Z 100MB 2D0TFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE 1

V4328 -- 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 10 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/10/89 12Z 100MB 200TFAX NH2002
CLOCK TIME 1347
GUESS USED-FINL CODE 1
DATA CUT OFF 01+30
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12Z10
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H 572
L 567
L 564
H 582
L 541
H 627
H 657
L 656
560
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
-80
10K
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50
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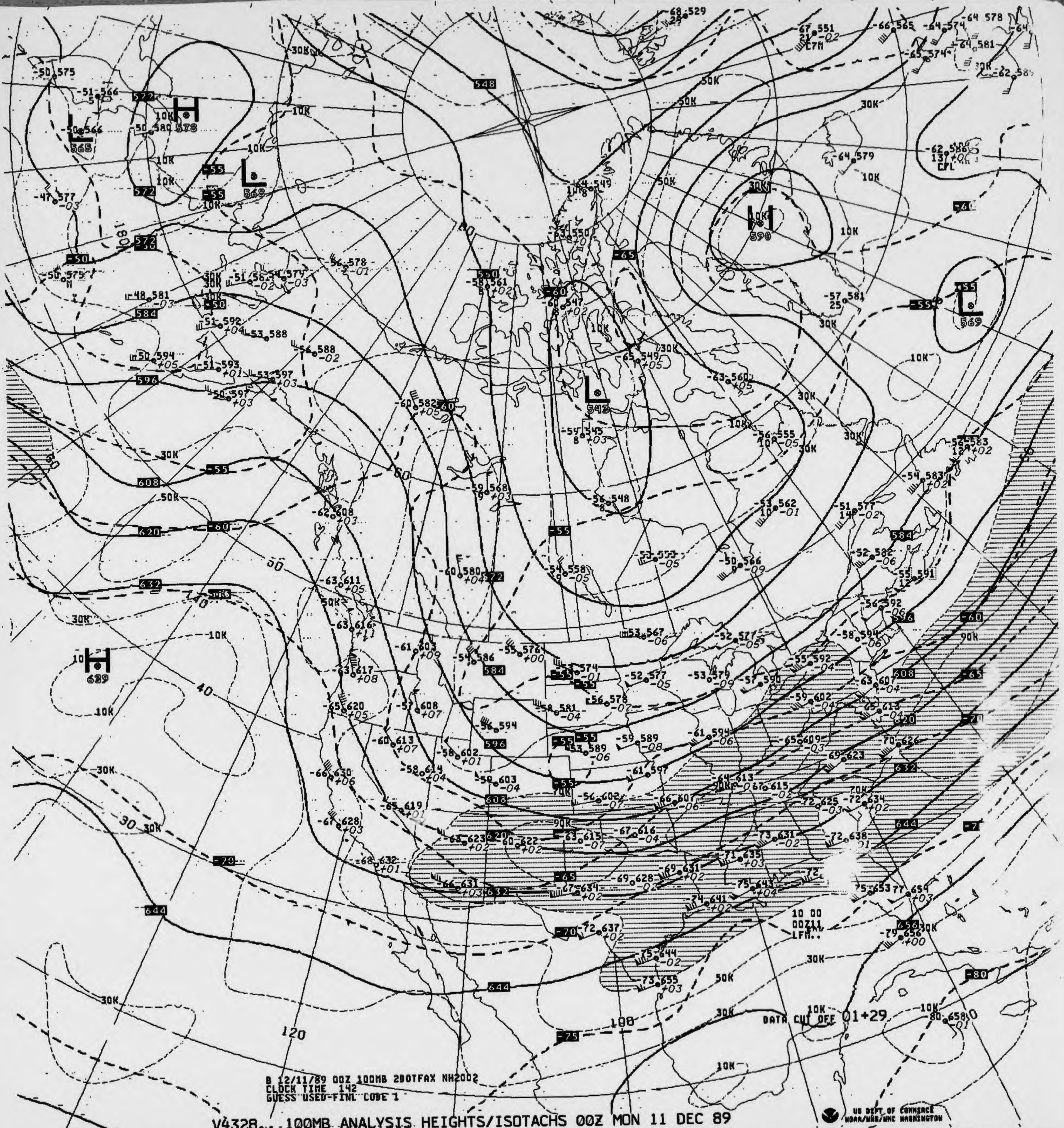
100
120
140

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 10 DEC 89


DATA CUT OFF 01+29
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00Z11
LFM..
30K
50K
10K
H
L
590
569
543
548
565
578
639

B 12/11/89 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

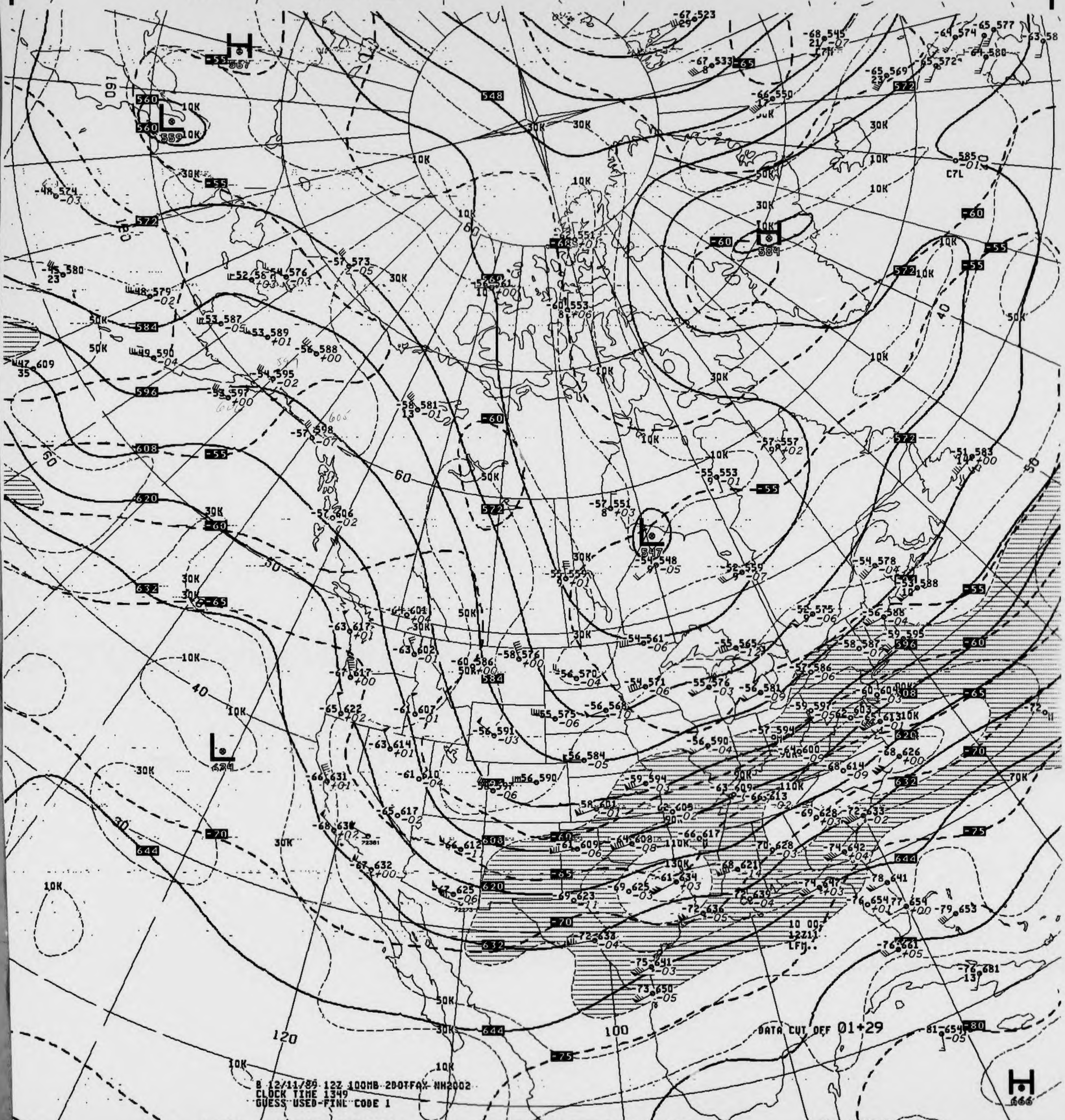
V4328... 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

100MB

68 625 -66 629
29

ID 72273 72381
LAT/LONG 31N110W 34N116W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-65
-70
-75
-80
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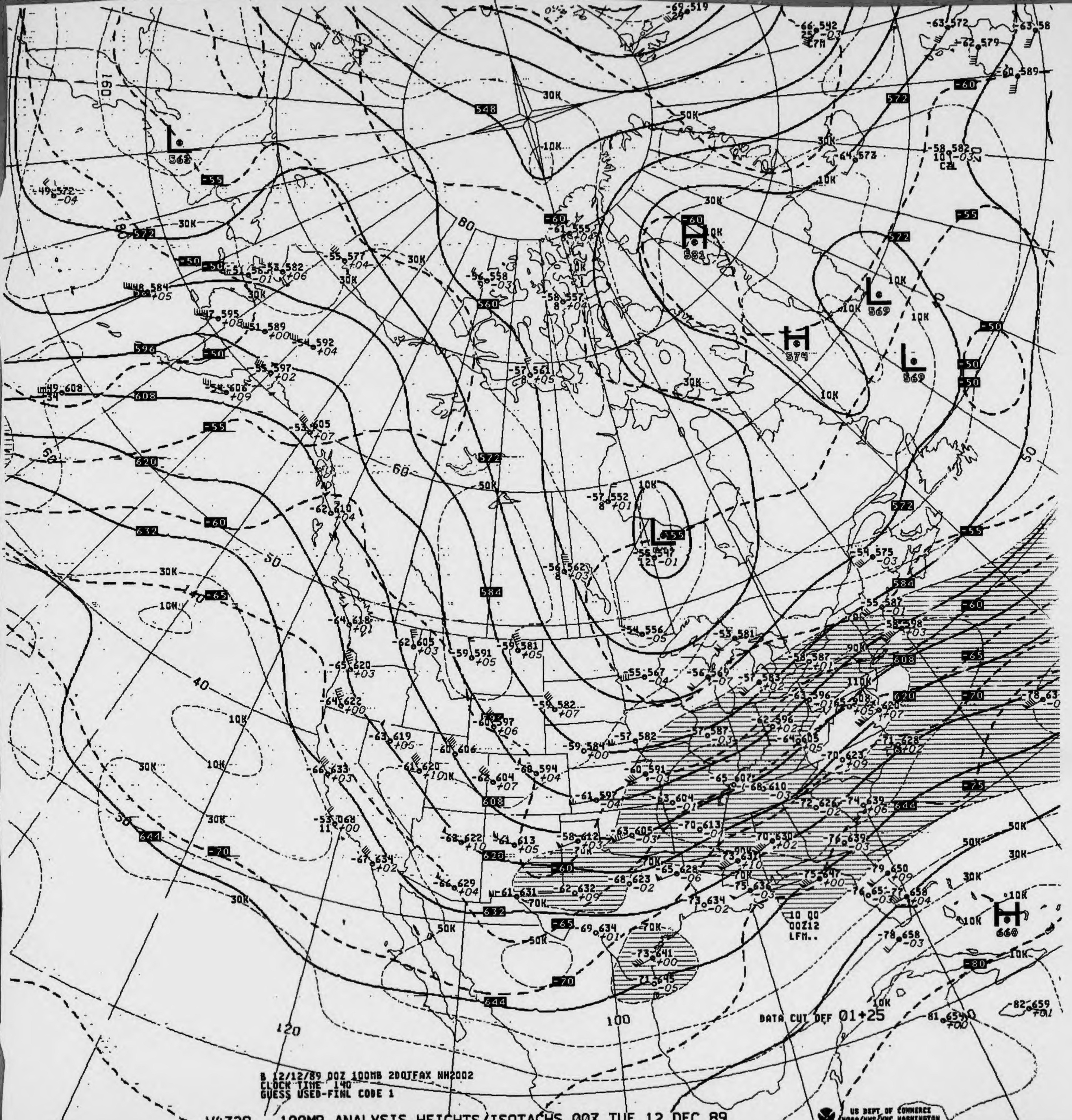
70K
110K
130K
60
50
40
30
160
120
100
H 557
L 559
H 584
L 547
L 634
H 666
C7L
DATA CUT OFF 01+29
10 00
12Z11
LFM..
B 12/11/89 12Z 100MB 200TFAX NH2002
CLOCK TIME 1349
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 140
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596
608
620
632
644
30K
50K
10K
H
L
120
100
160

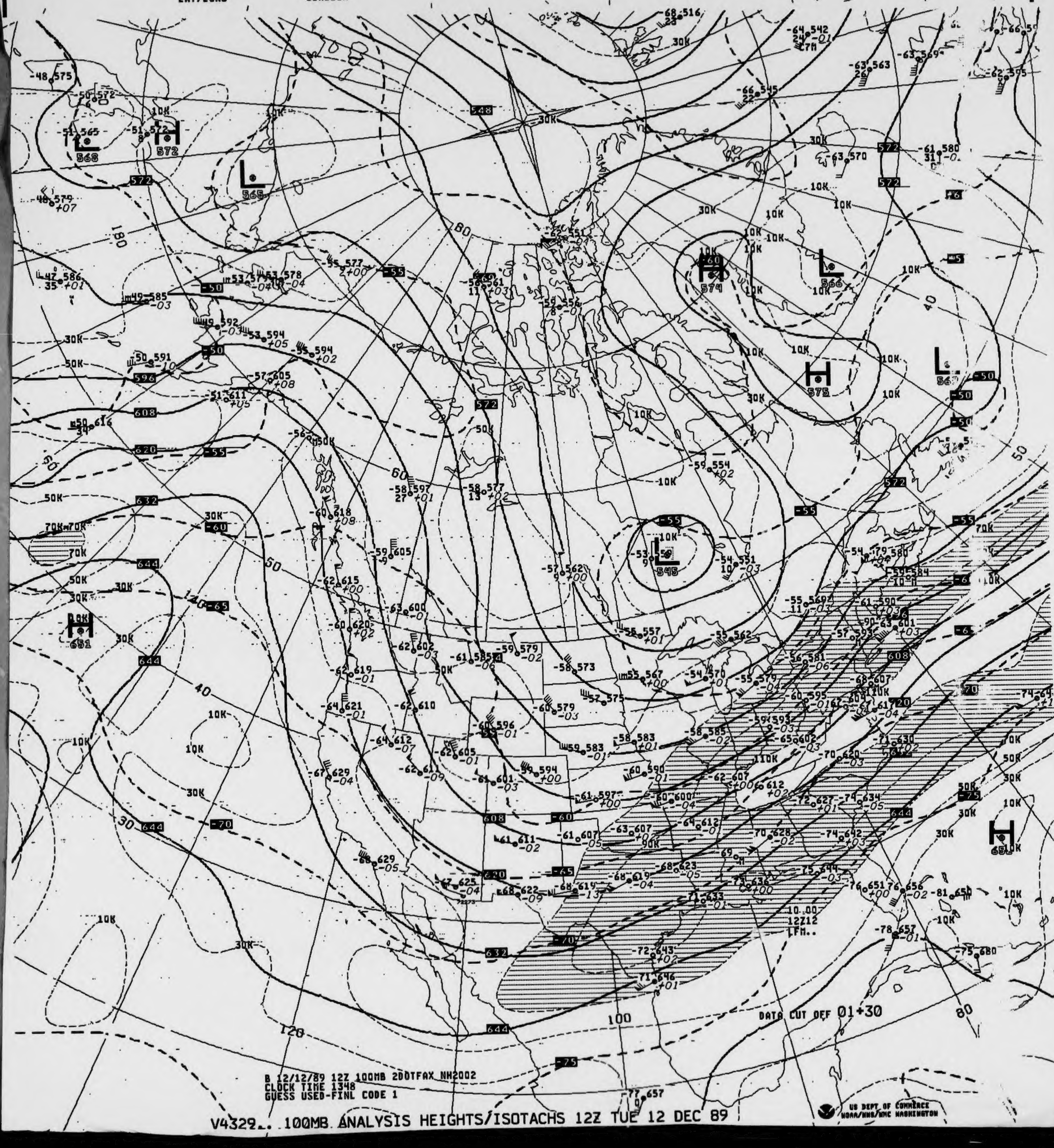
V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 12 DEC 89

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON

100MB

67 626
23

ID 72273
LAT/LONG 31N110W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CLOCK TIME 1348
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120
100
80
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40
30
L
565
H
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H
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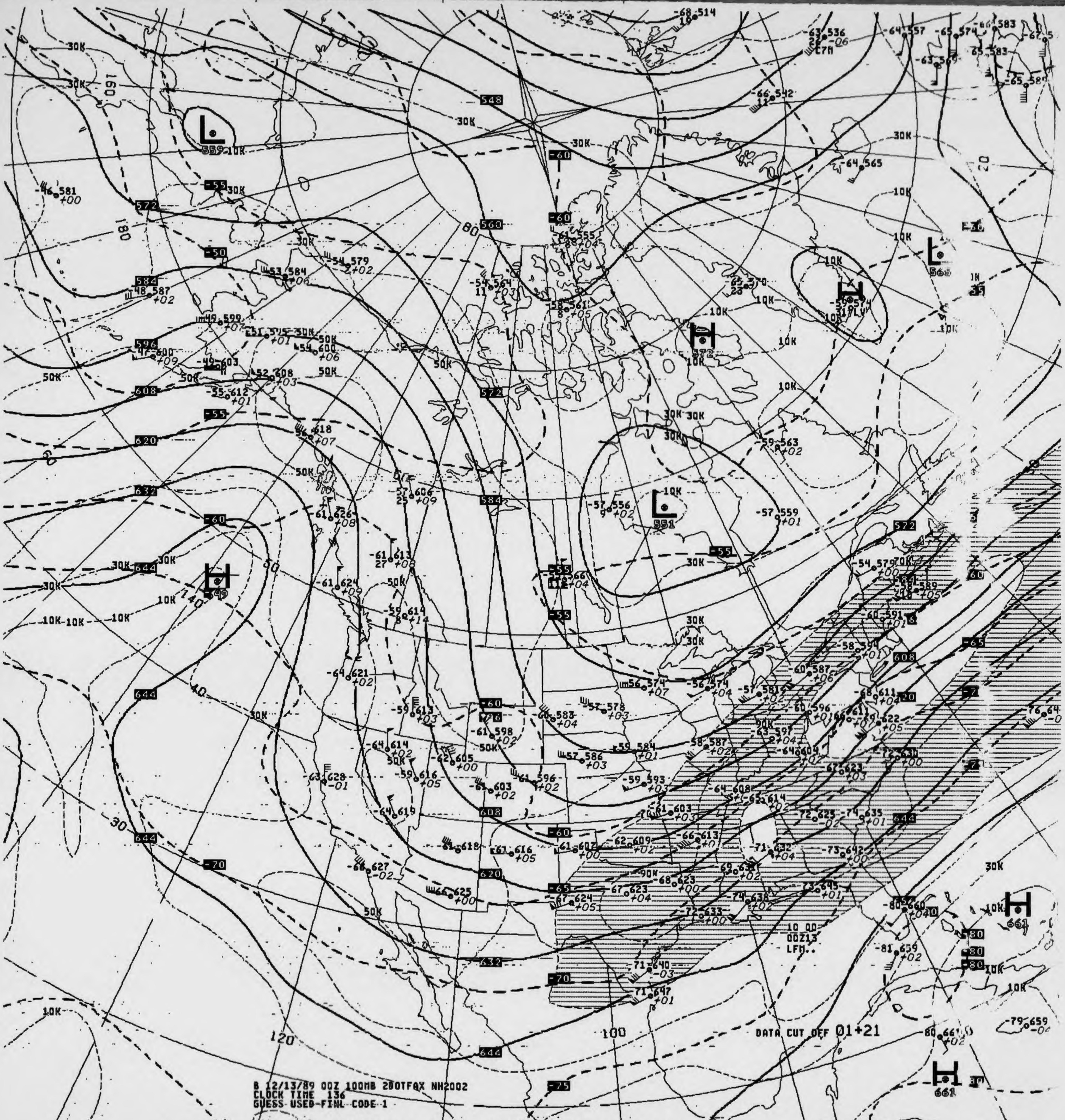
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 12 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L
559
L
551
L
563
H
572
H
649
H
661
H
661
30K
50K
10K
90K
180
160
140
120
100
80
60
40
30
20
DATA CUT OFF 01+21
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00Z13
LFM..
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-64 557
-65 574
-66 583
-66 542
-64 565
-46 581
+00
-48 587
+02
-53 584
+06
-54 579
+02
-54 564
+03
-58 561
+05
-61 555
+04
-65 570
-49 599
+02
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+09
-49 603
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+01
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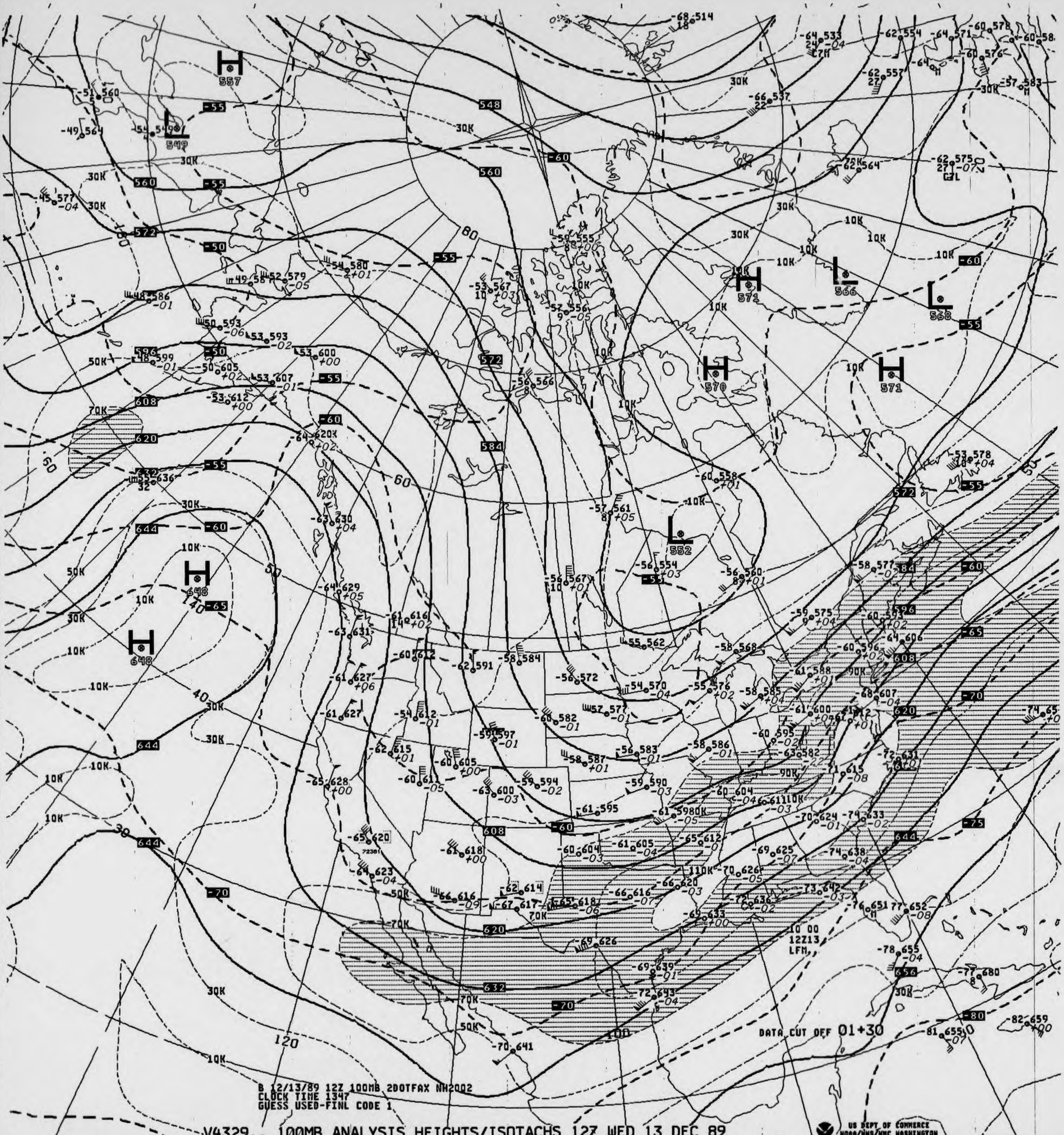
-76 64

B 12/13/89 00Z 100MB 200TFAX NH2002
CLOCK TIME 136
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 13 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L 566
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H 648
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608
620
632
644
656
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-55
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-80
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10K
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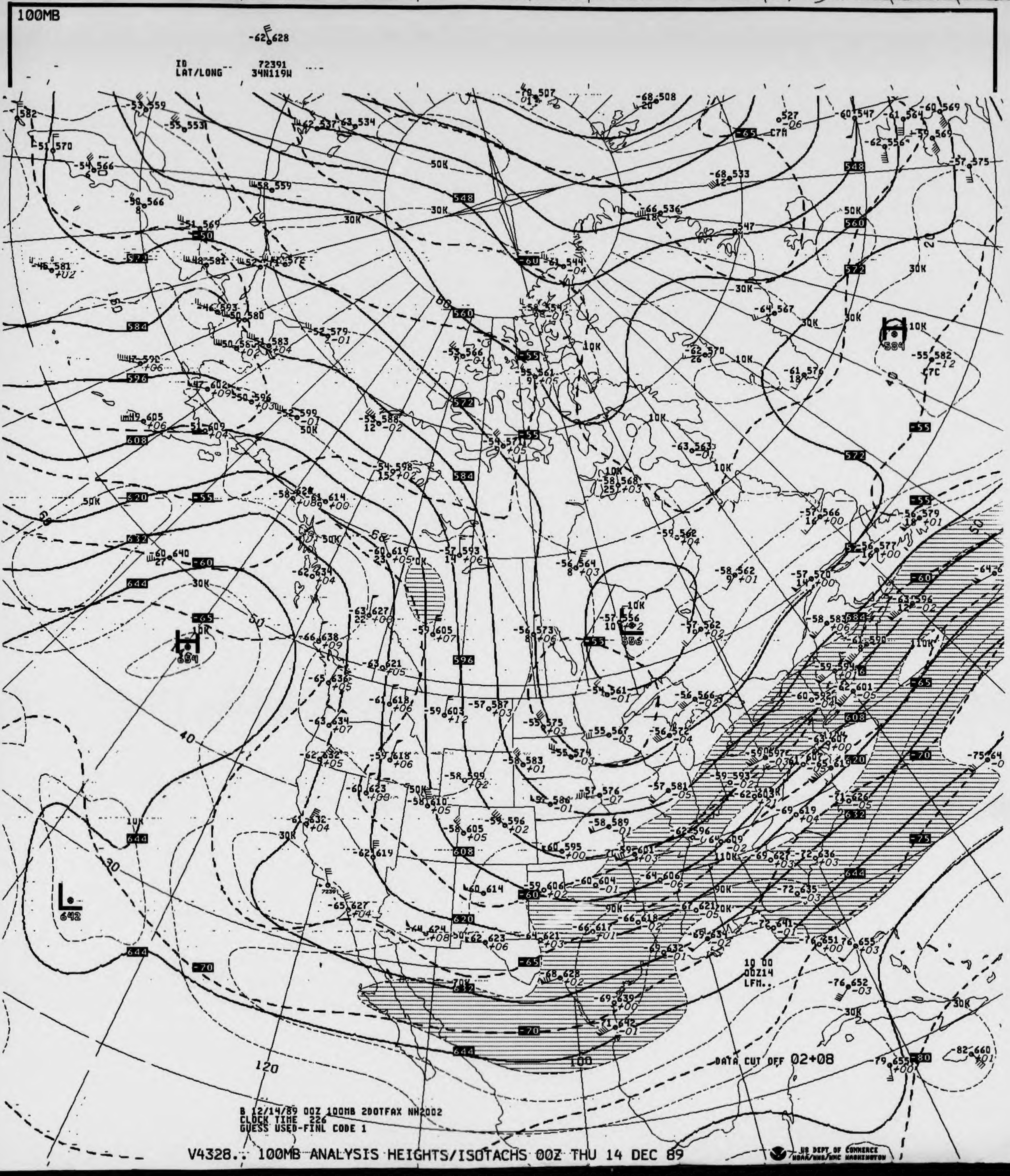
70K
90K
110K
60
80
100
120
140
40
50
30
10 00
12Z13
LFM
DATA CUT OFF 01+30

B 12/13/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1347
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 13 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



100MB
-62 628
ID 72391
LAT/LONG 34N119W
DATA CUT OFF 02+08
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LFM..
B 12/14/89 00Z 100MB 200TFAX NH2002
CLOCK TIME 226
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 14 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

100MB

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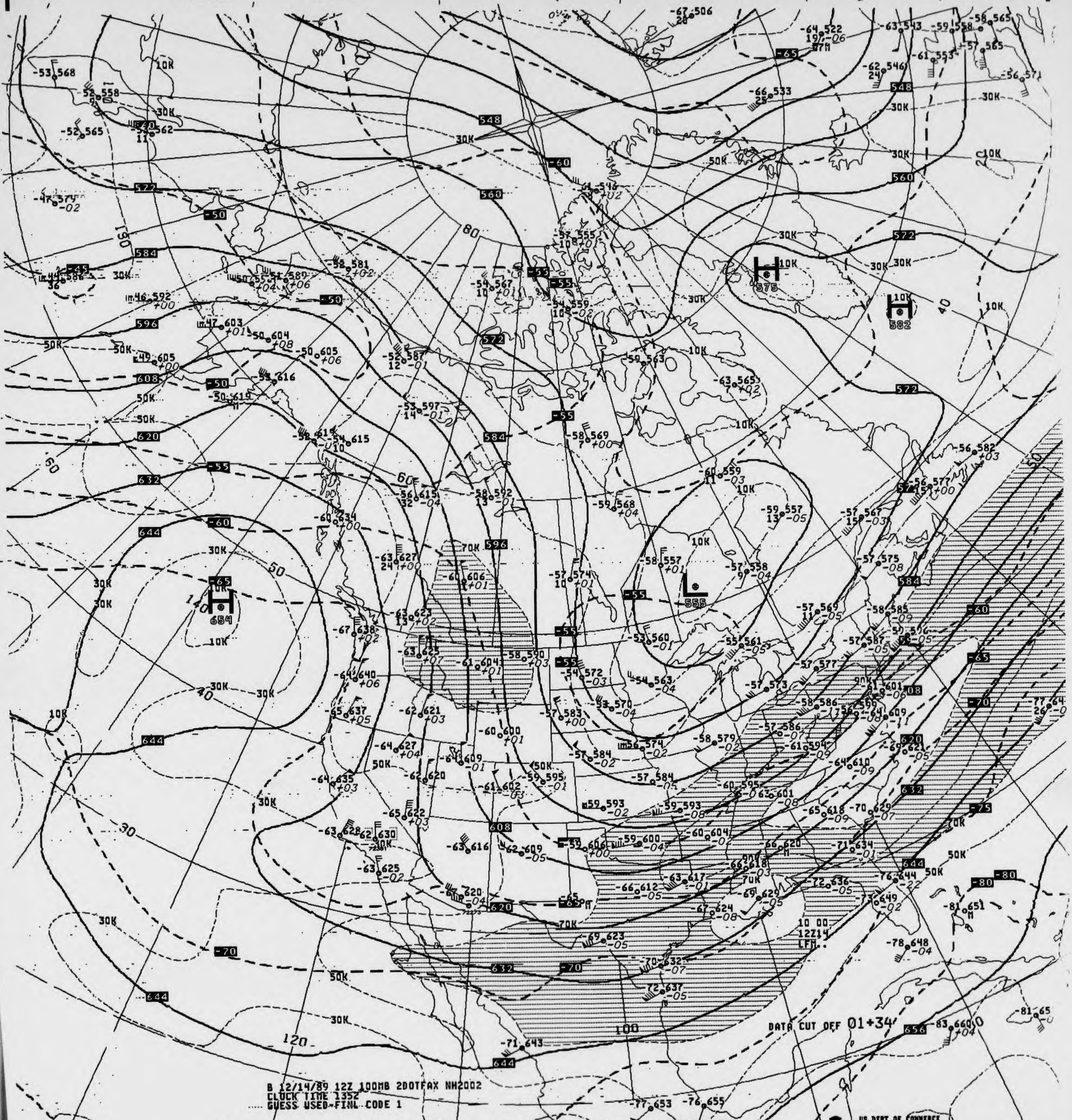
22
ID 72273
LAT/LONG 31N110W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632
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-60
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-70
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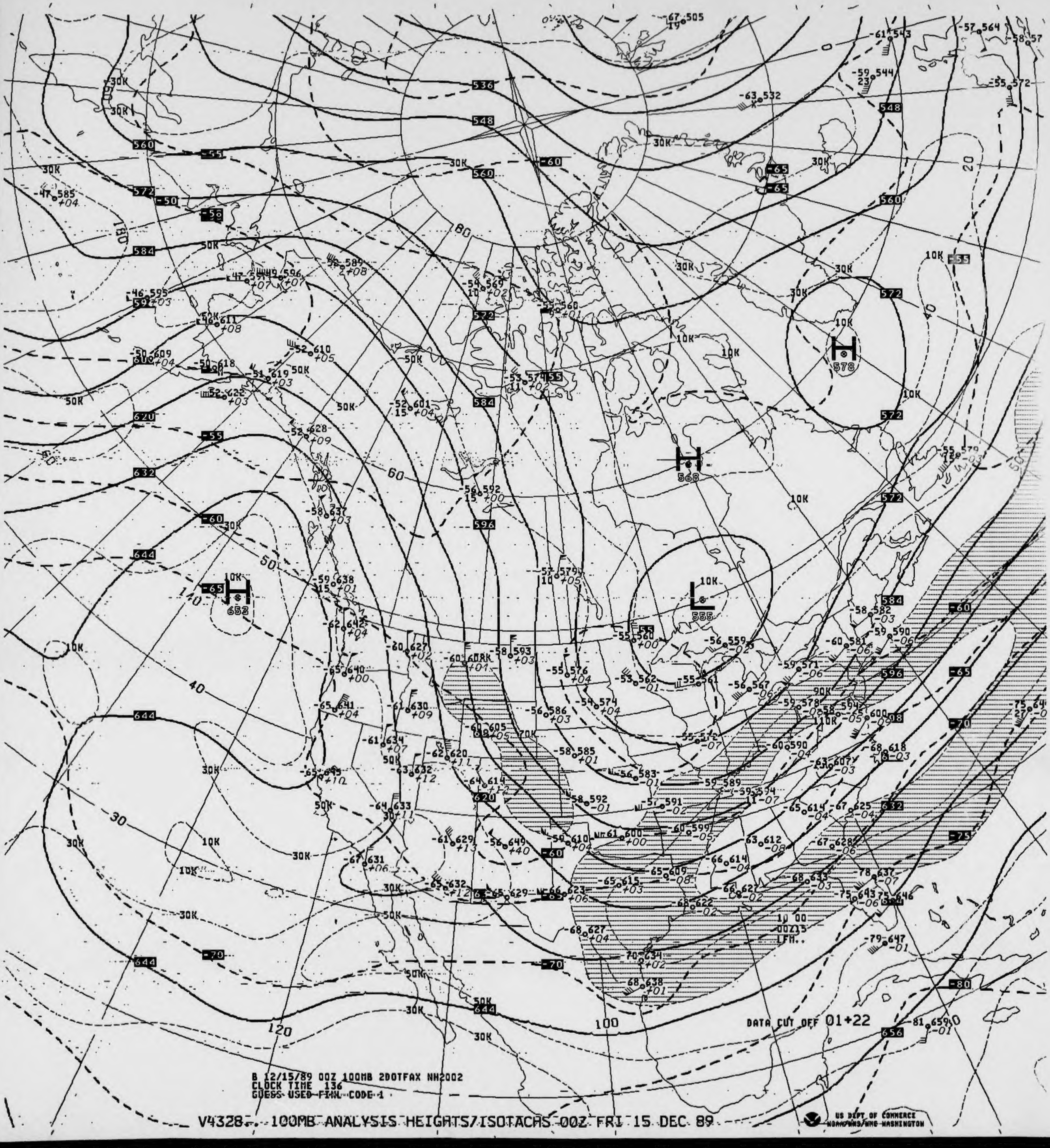
10K
30K
50K
70K
90K
H 575
H 582
H 654
L 555
DATA CUT OFF 01+34
10 00
12Z14
LFM

B 12/14/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1352
..... GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 14 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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-65
-70
-75
-80
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30K
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70K
90K
110K
20
40
50
60
80
100
120
140
160
DATA CUT OFF 01+22
10 00
00Z15
LFM..

B 12/15/89 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 136
GUESS USED-FINL CODE 1

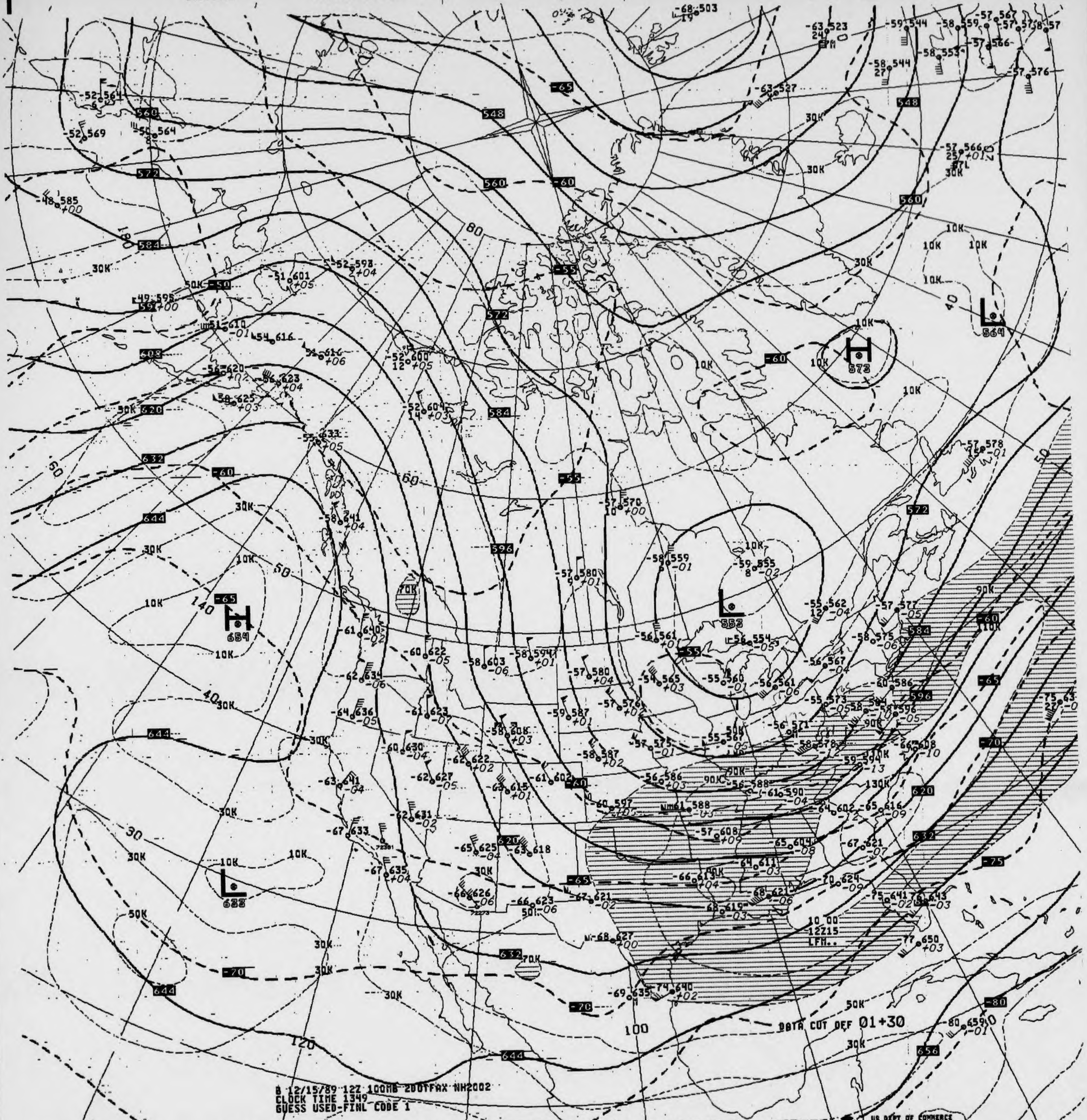
V4328-- 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 15 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

100MB

-66 626 -66 635
22

ID 72273 72381
LAT/LONG 31N110W 34N116W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130K
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60
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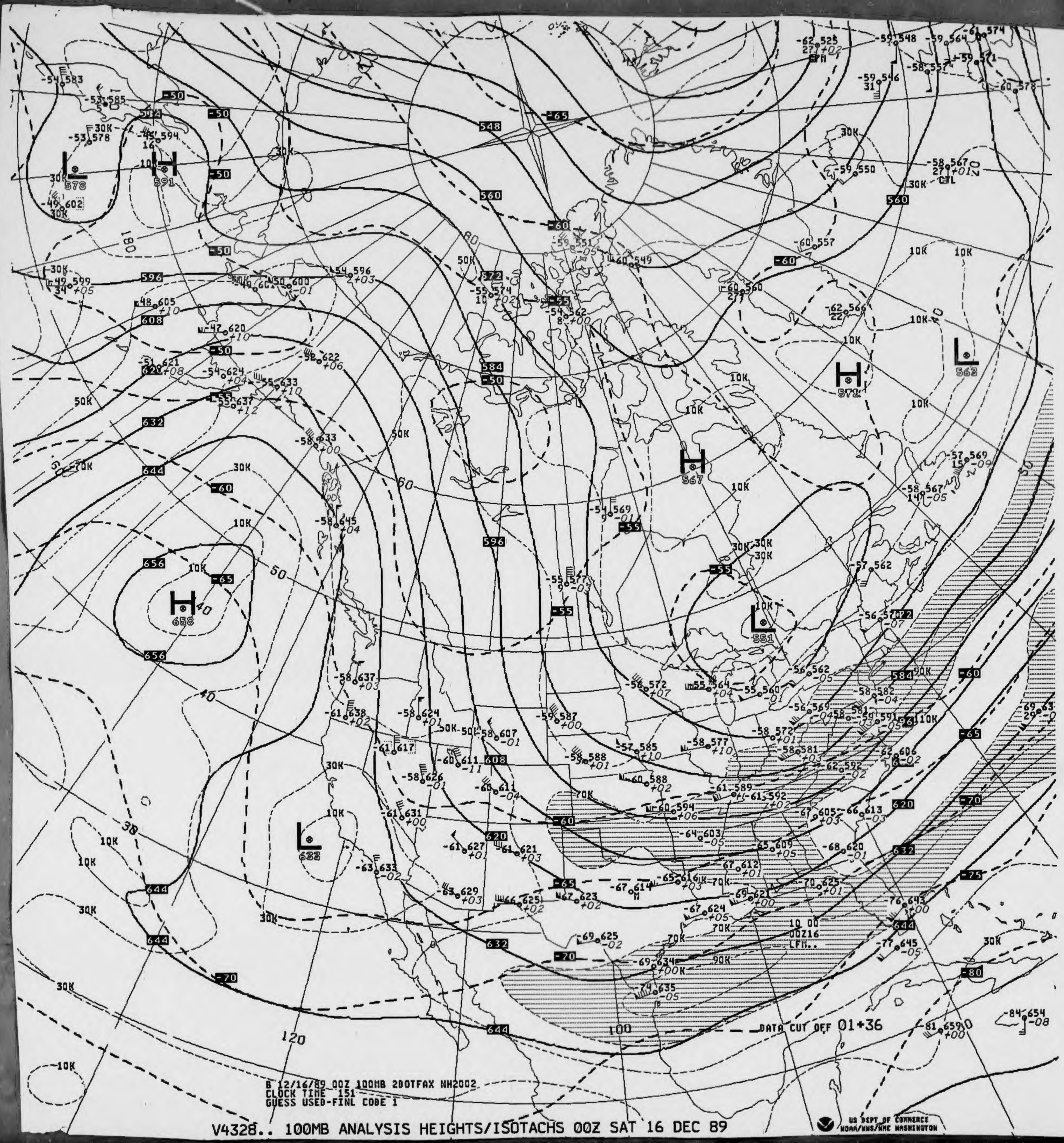
100
120
140
180
DATA CUT OFF 01+30

8 12/15/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1349
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 15 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



548
560
572
584
596
608
620
632
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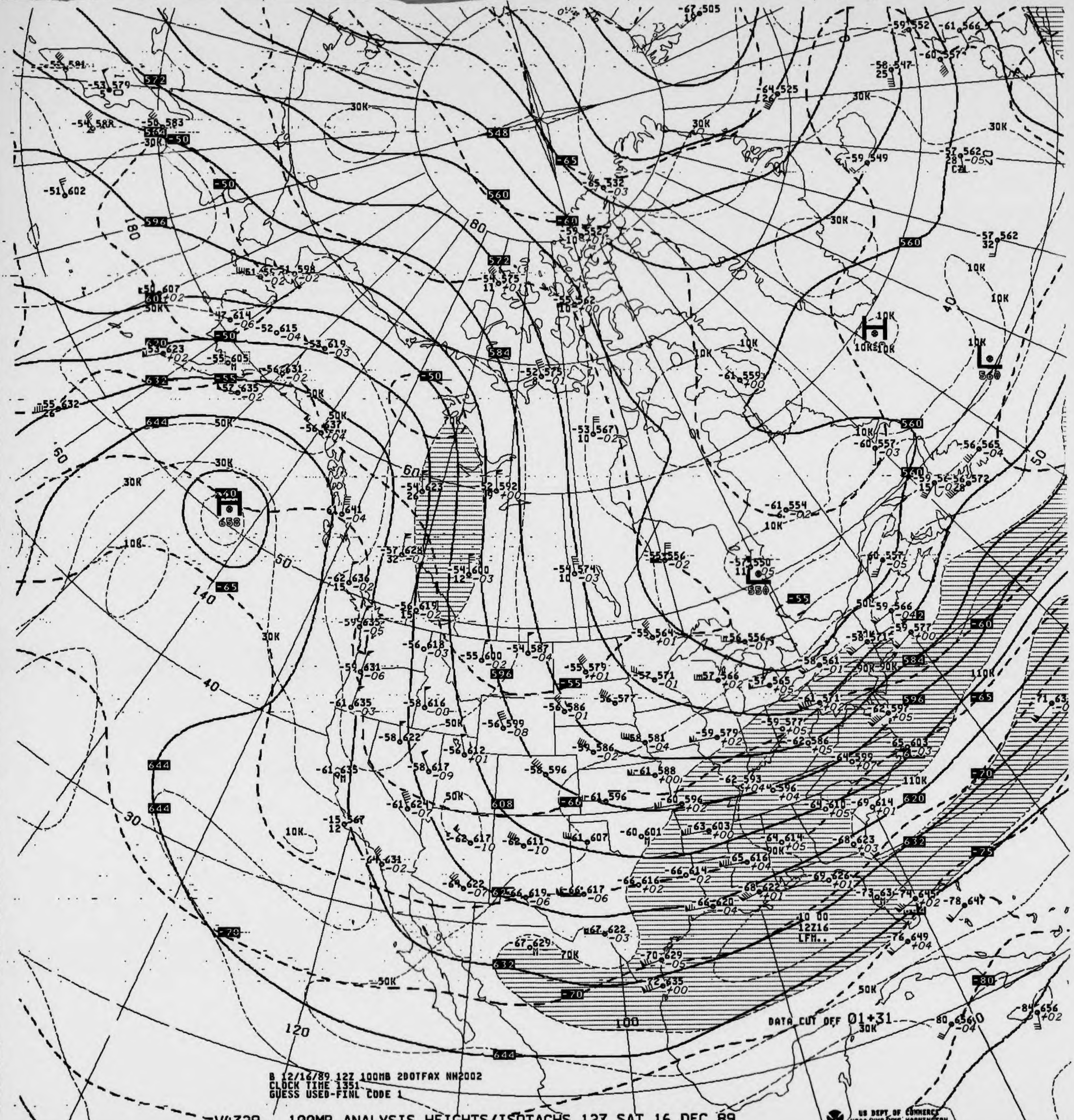
656
-50
-55
-60
-65
-70
-75
-80
H 591
L 578
H 658
L 633
H 567
L 551
H 572
L 563
180
120
100
60
50
40
30
10K
30K
50K
70K
90K
DATA CUT OFF 01+36
10 00
00Z16
LFM..

B 12/16/89 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 16 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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596
608
620
632
644
-50
-55
-60
-65
-70
-75
-80
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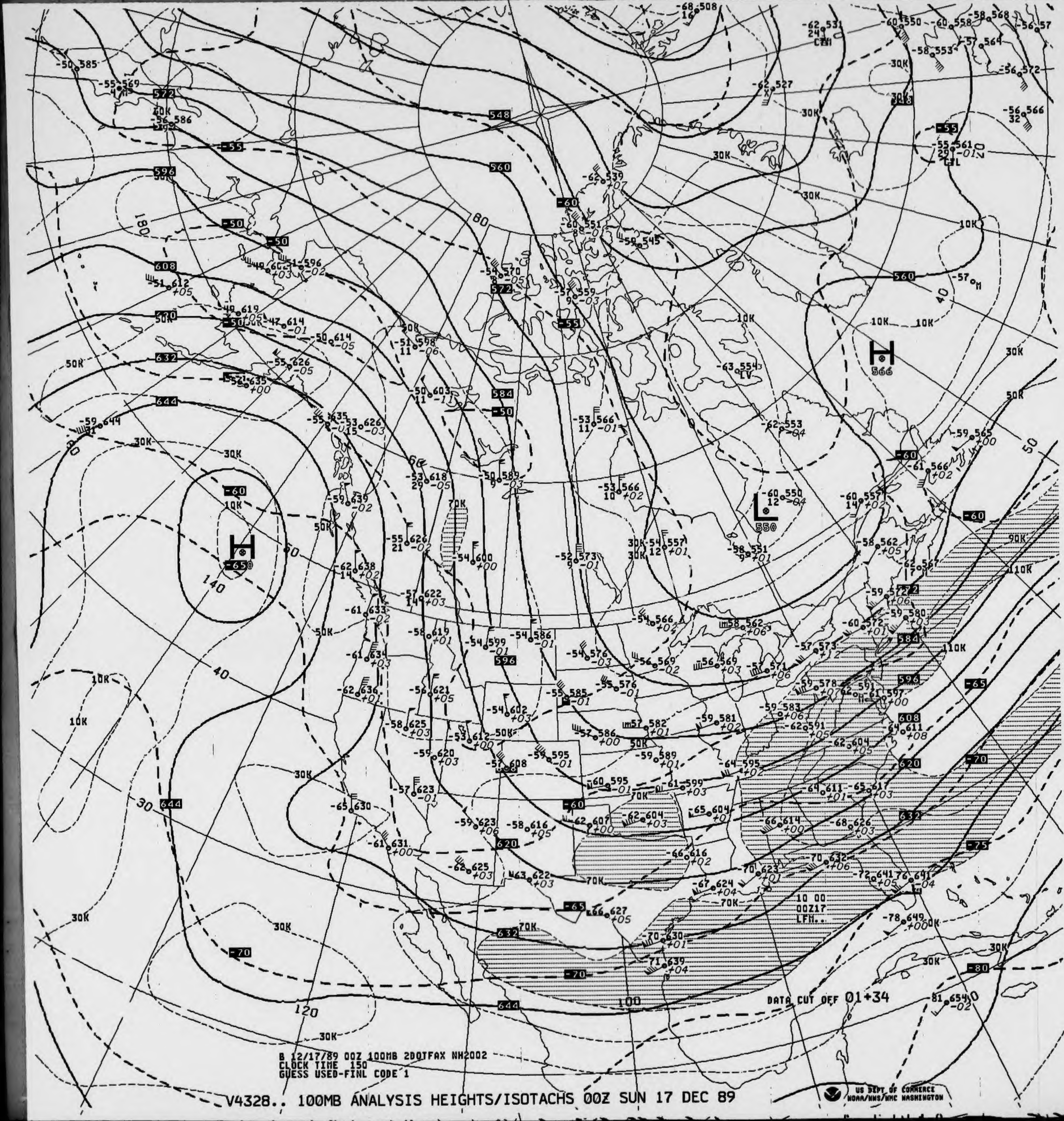
L
550
L
560
10K
30K
50K
70K
90K
110K
180
160
140
120
100
80
60
50
40
30
DATA CUT OFF 01+31

B 12/16/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 16 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


572
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560
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608
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584
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-60
-65
-70
-75
-80
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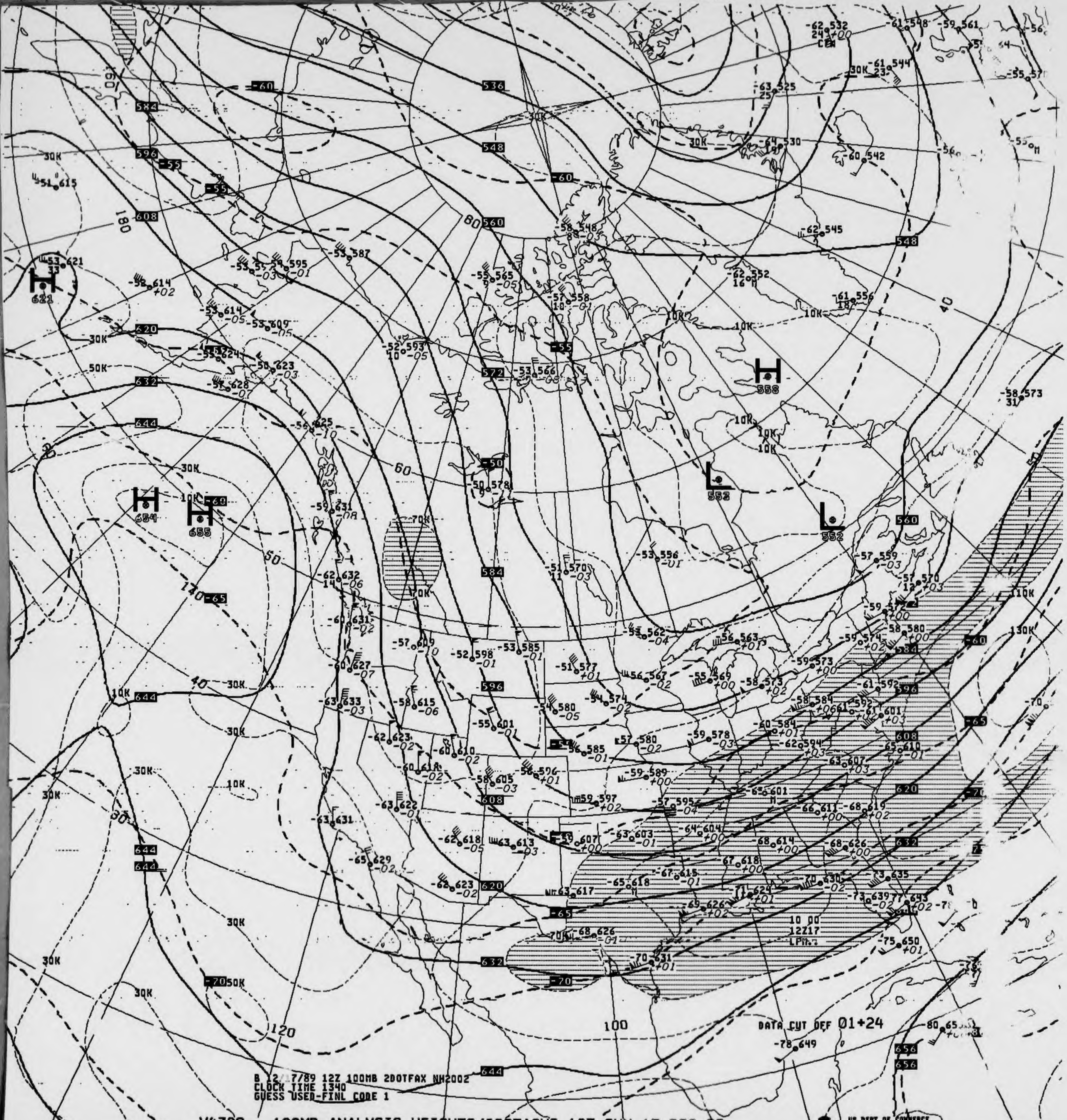
H
-650
L
550
10K
30K
50K
70K
90K
110K
180
140
120
100
80
60
40
30
50
10 00
00Z17
LFM..
DATA CUT OFF 01+34
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 12/17/89 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 150
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 17 DEC 89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584
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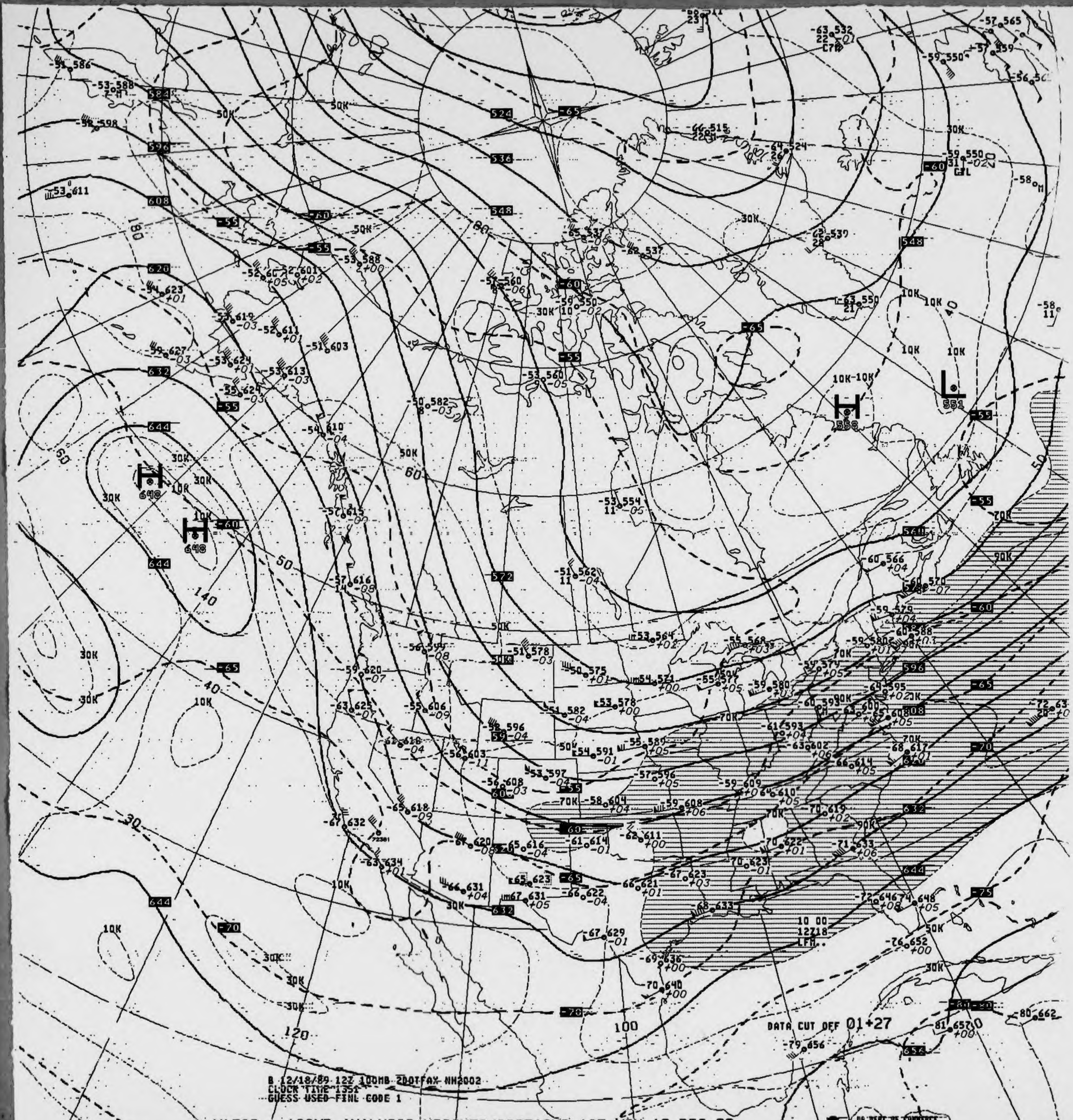
608
620
632
644
656
-50
-55
-60
-65
-70
30K
50K
10K
70K
110K
130K
H
621
H
654
H
655
H
558
L
552
L
552
180
80
60
50
40
120
100
140
10 00
12Z17
LPM

B 12/17/89 12Z 100MB 200TFAX NH2002
CLOCK TIME 1340
GUESS USED-FINL CODE 1

DATA CUT OFF 01+24

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 17 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
648
H
648
H
556
L
551
DATA CUT OFF 01+27
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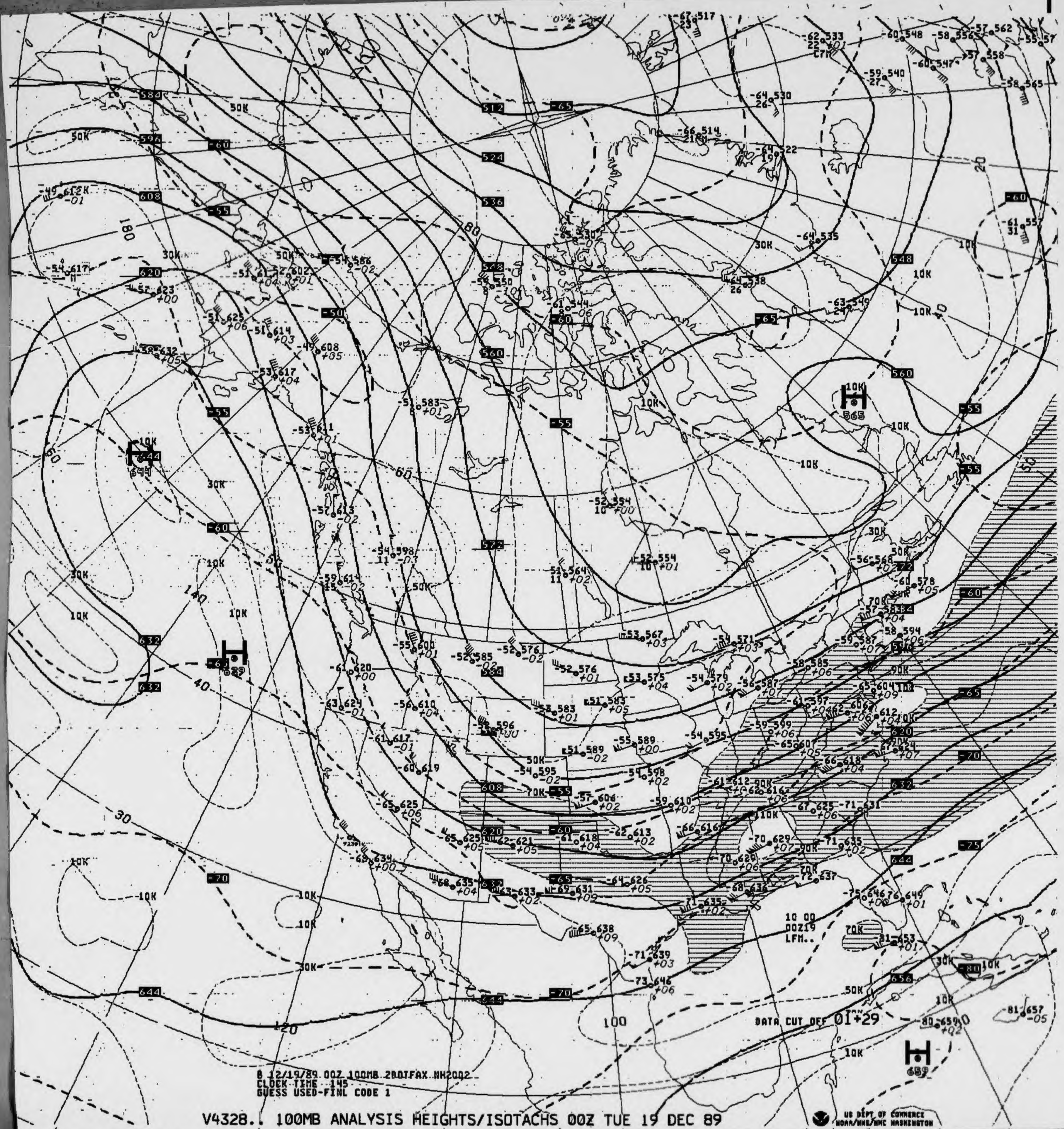
12Z18
LFM

B 12/18/89 12Z 100MB 200TFAX NH2002
CLOCK TIME 1351
GUESS USED FINL CODE 1

V4329...100MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 18 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z19
LFM..
8 12/19/89 00Z 100MB 2ROTFAX NH2002
CLOCK TIME 145
GUESS USED-FINL CODE 1
H
565
H
644
H
639
H
659
50K
30K
10K
70K
90K
110K
512
524
536
548
560
572
584
596
608
620
632
644
656
-50
-55
-60
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-70
-75
-80
180
160
140
120
100
80
60
50
40
30
20

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 19 DEC 89

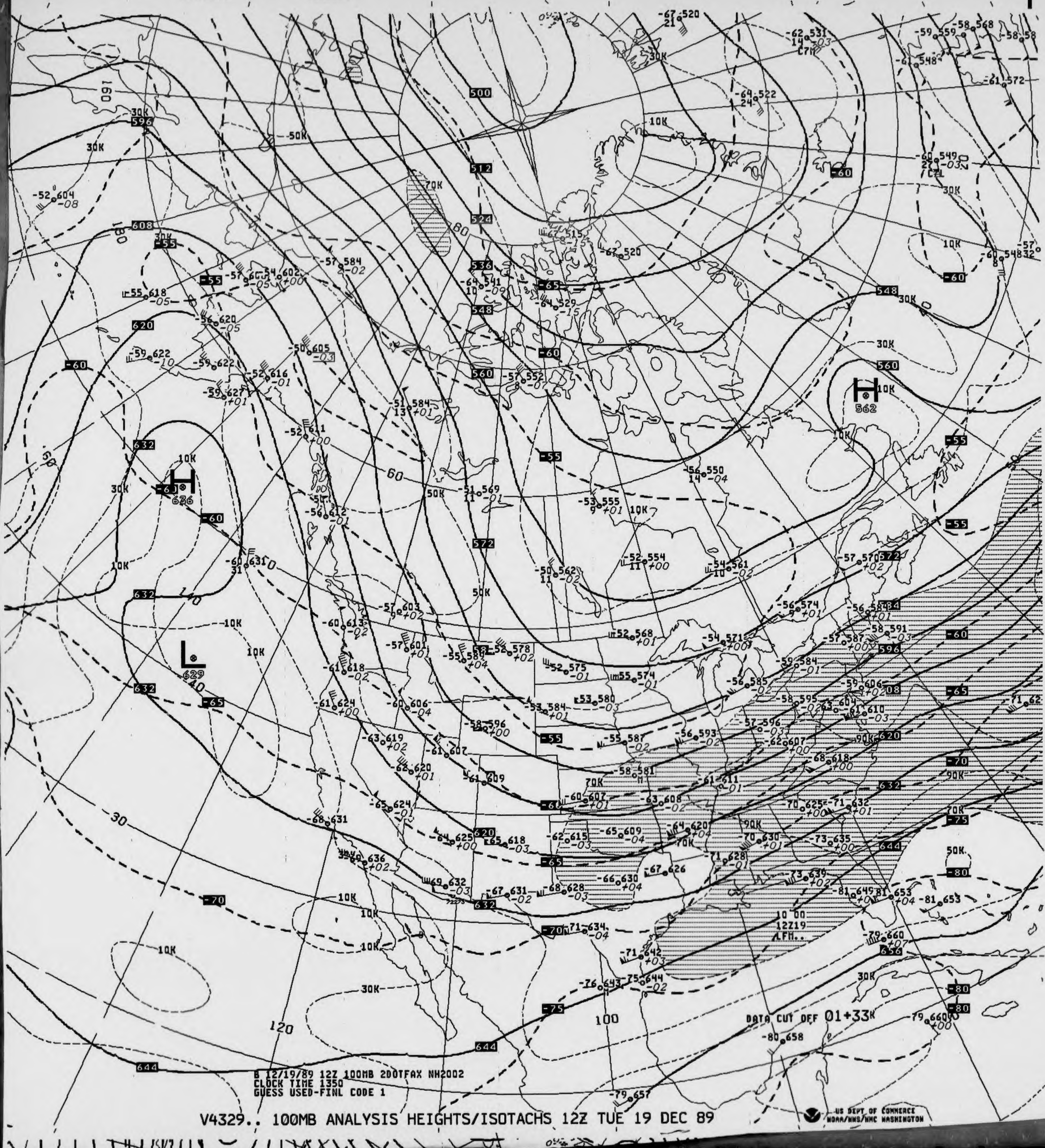
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

100MB

ID
LAT/LONG

-69 632
28

72273
31N110W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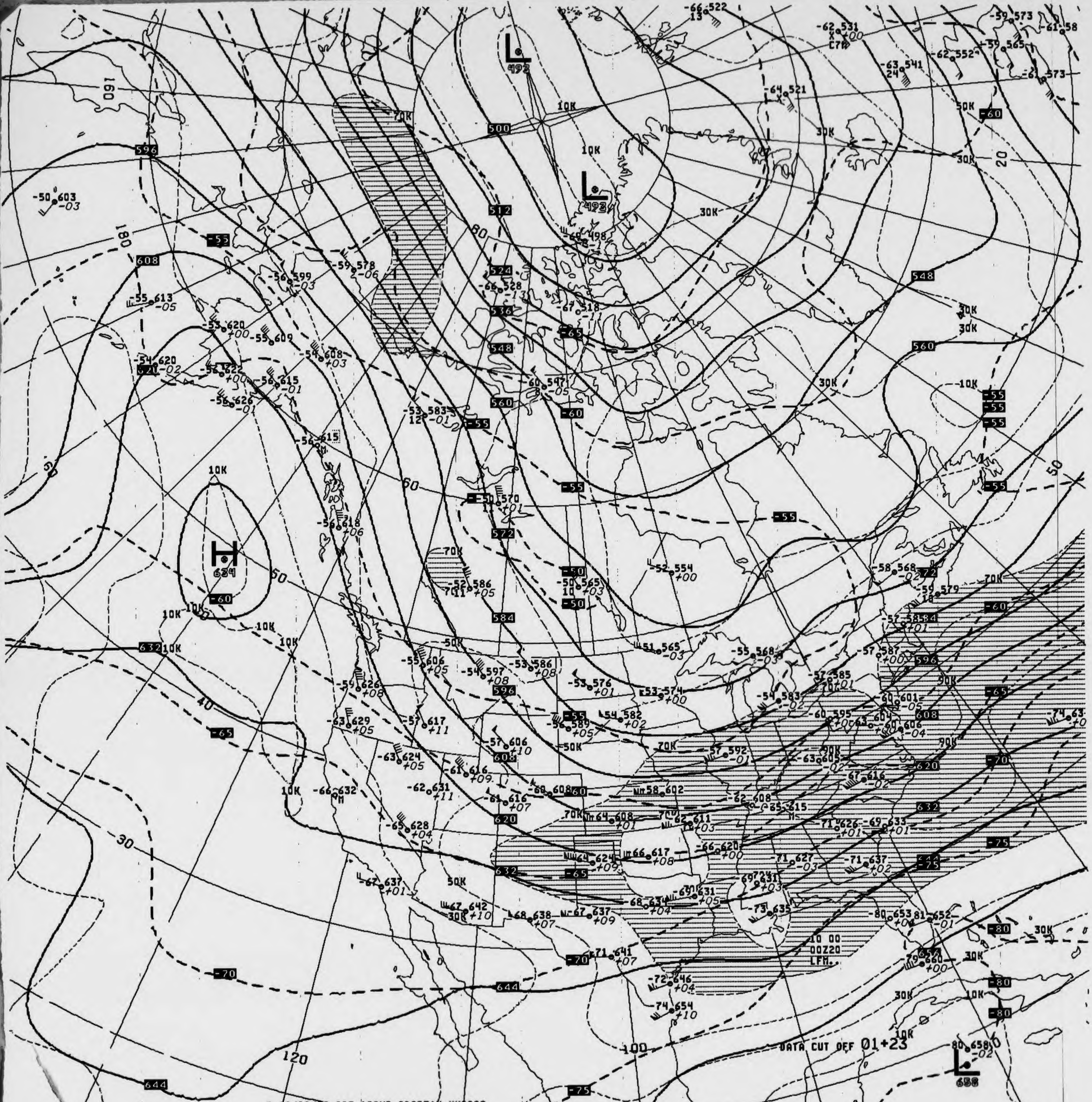
10K
30K
50K
90K
-55
-60
-65
-70
-75
-80
H
626
H
562
L
629
10 00
12Z19
LFM..
DATA CUT OFF 01+33
B 12/19/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1350
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+23
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00Z20
LFM.
L
492
L
493
H
634
L
658
500
512
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536
548
560
572
584
596
608
620
632
644
-53
-55
-60
-65
-70
-75
-80
10K
30K
50K
70K
90K
180
160
120
100
20
30
40
50
60
80

B 12/20/89 00Z 100MB 200TFAX NH2002
CLOCK TIME 136
GUESS USED-FINL CODE 1

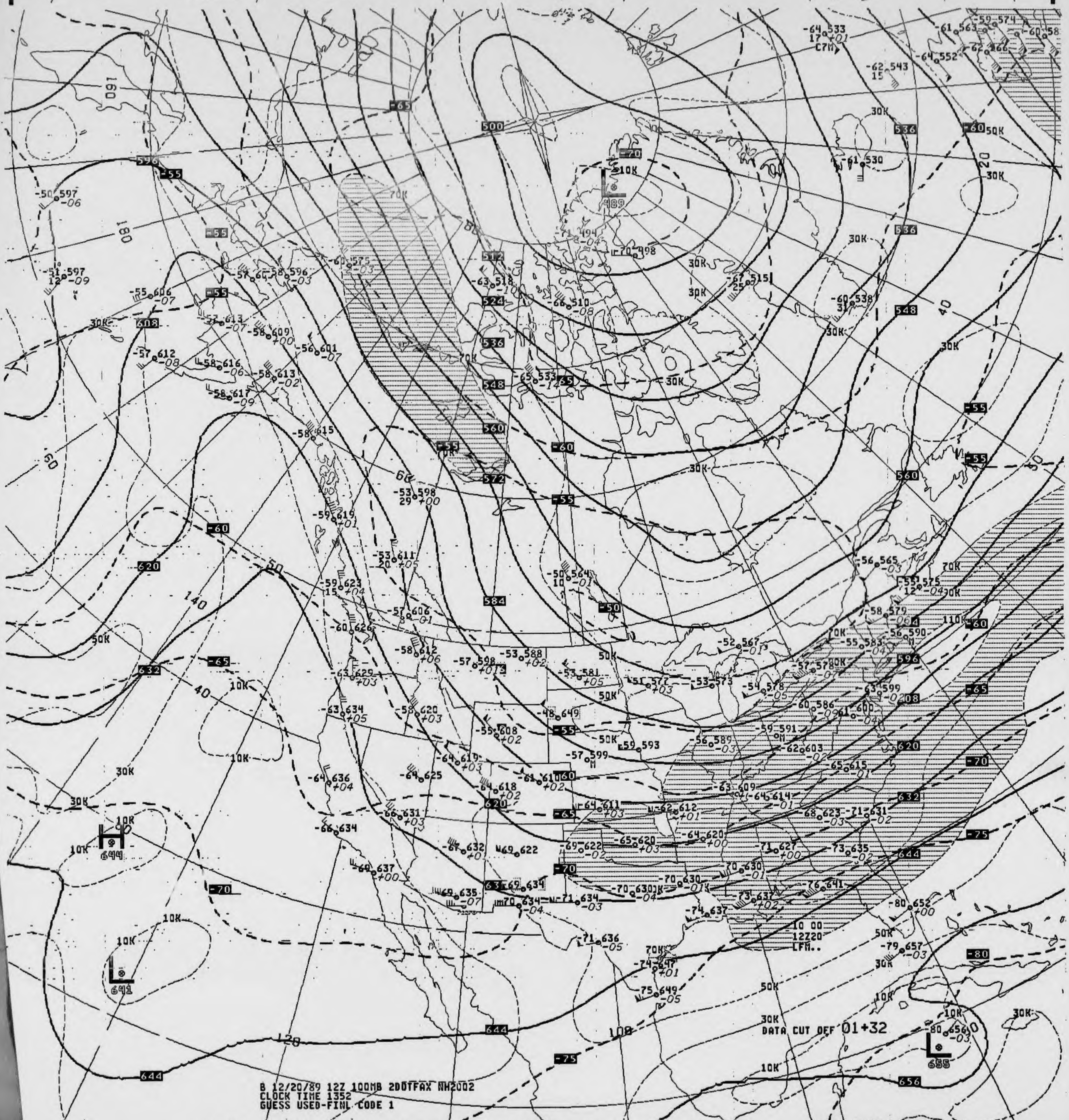
V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

100MB

-68 636
29

ID 72273
LAT/LONG 31N110W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584
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620
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-50
-55
-60
-65
-70
-75
-80
10K
30K
50K
70K
110K
L
489
H
644
L
641
L
655
DATA CUT OFF 01+32
10 00
12Z20
LFM..
180
160
140
120
100
60
50
40
30
20

B 12/20/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1352
GUESS USED-FINL CODE 1

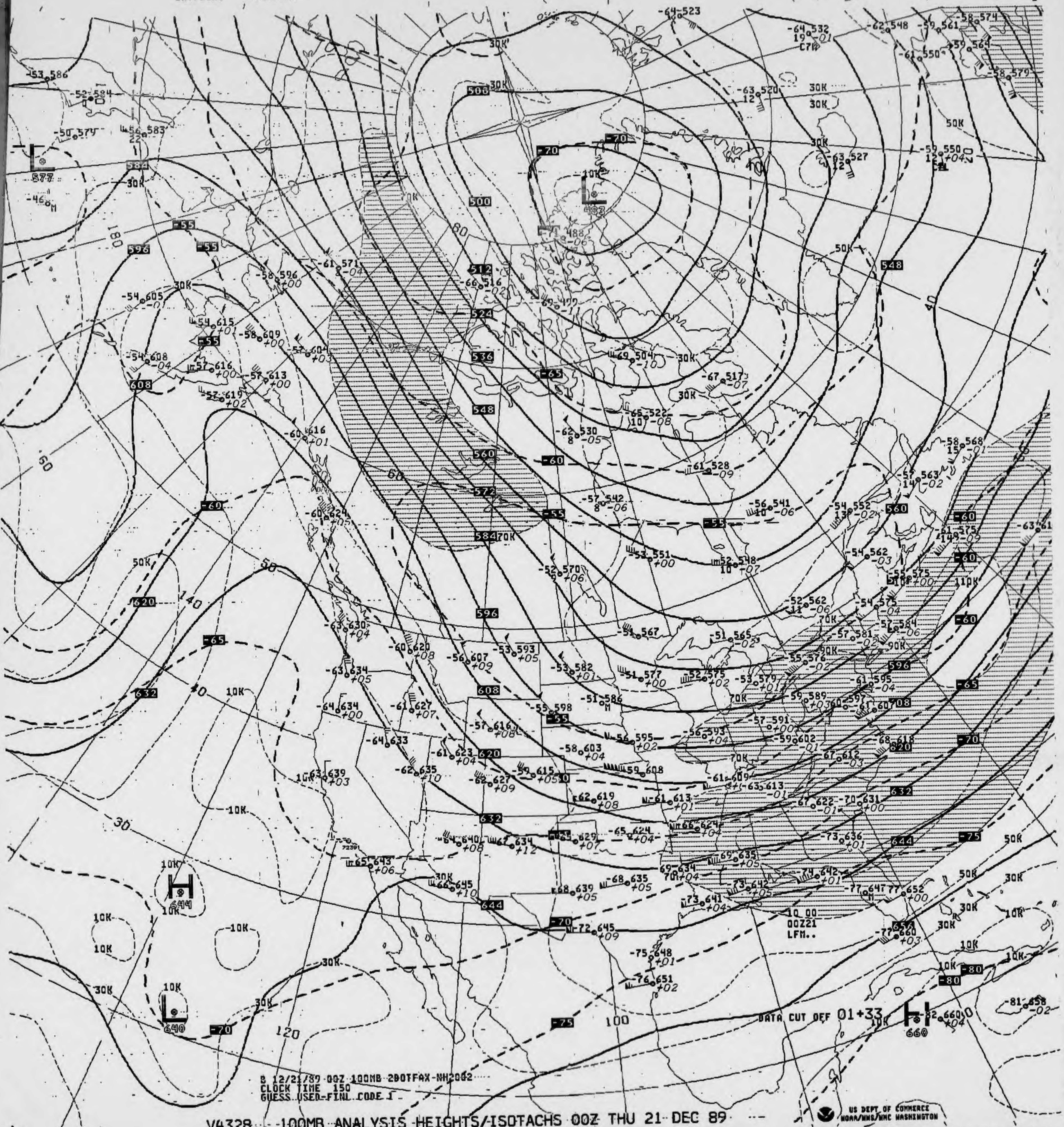
V4327.. 100MB ANALYSIS-HEIGHTS/ISOTACHS 12Z WED 20 DEC-89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

00MB

-65 639

ID 72391
LAT/LONG 34N119W



508
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536
548
560
572
584
596
608
620
632
644
656
L 483
L 577
L 640
H 644
H 660
30K
50K
70K
90K
110K
10K
-55
-60
-65
-70
-75
-80
180
160
140
120
100
60
40
30
DATA CUT OFF 01+33
10 00
00Z21
LFM..

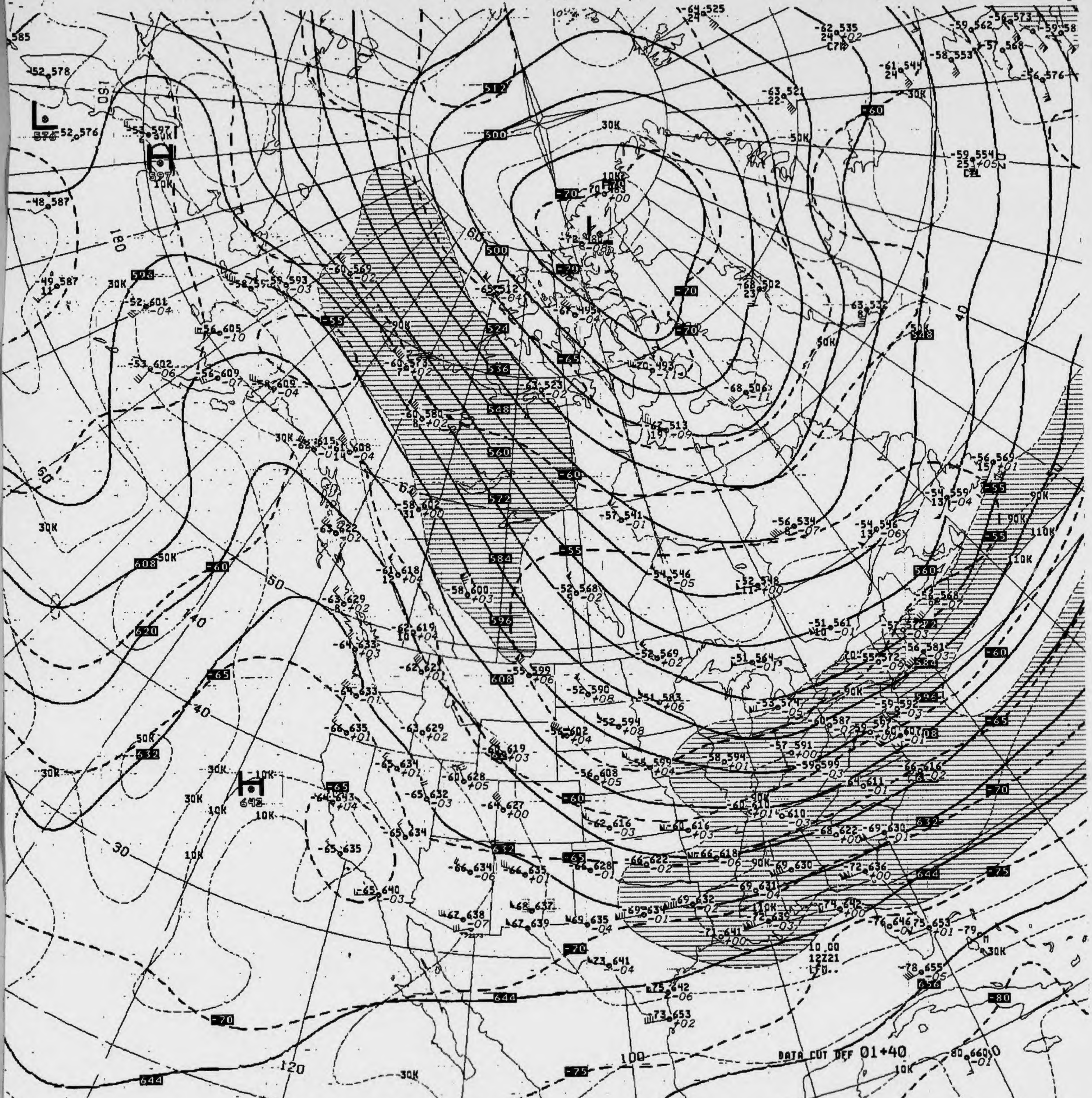
8 12/21/89 00Z 100MB 290TFAX-NH2002
CLOCK TIME 150
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 21 DEC 89 ---

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

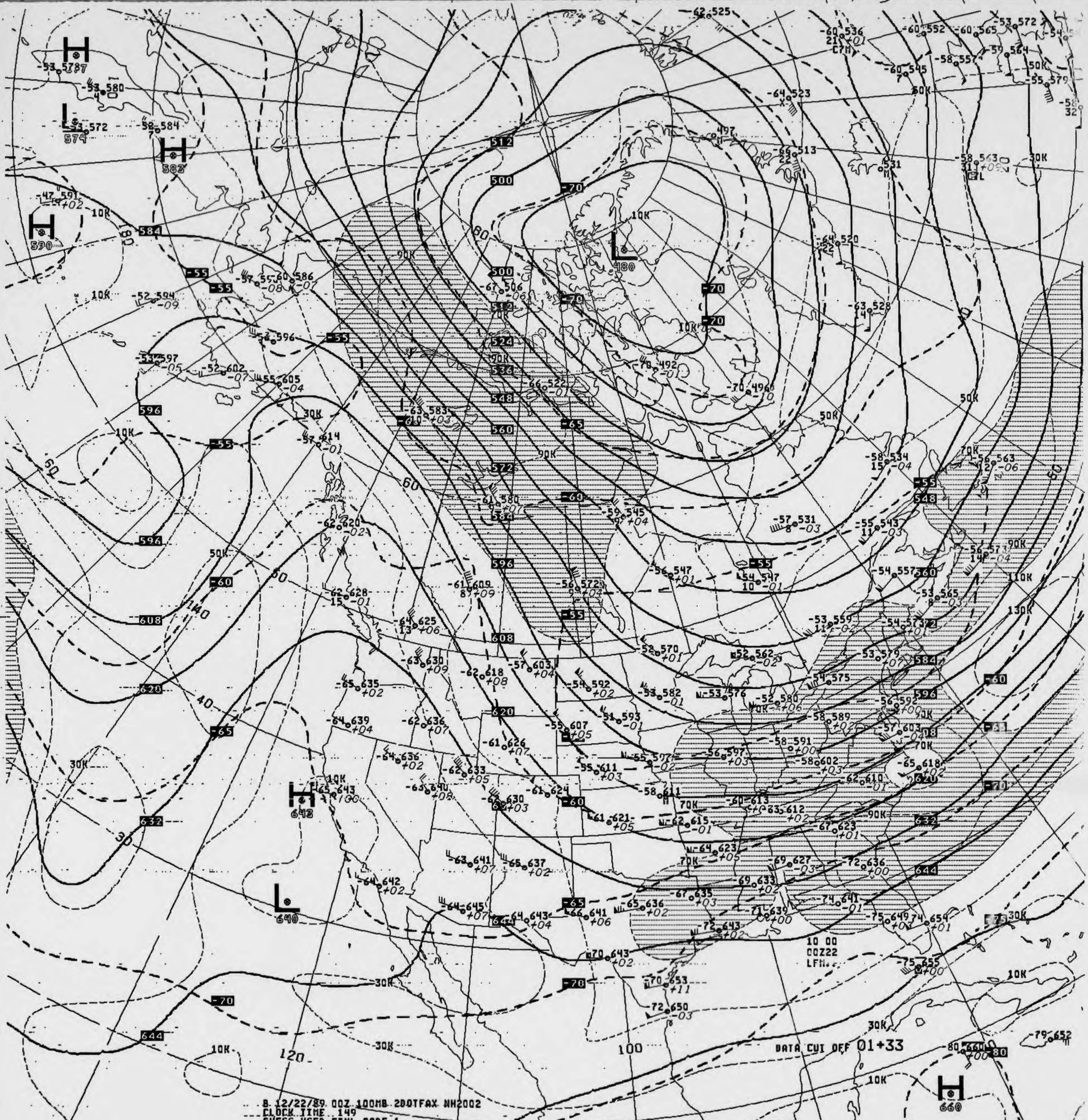
100MB

-68 638
29
ID 72273
LAT/LONG 31N110W


DATA CUT OFF 01+40
10.00
12Z21
LFM..

B 12/21/89 12Z 100MB 20OTFAX NH2002
CLOCK TIME 1358
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 21 DEC 89



H
L
480
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512
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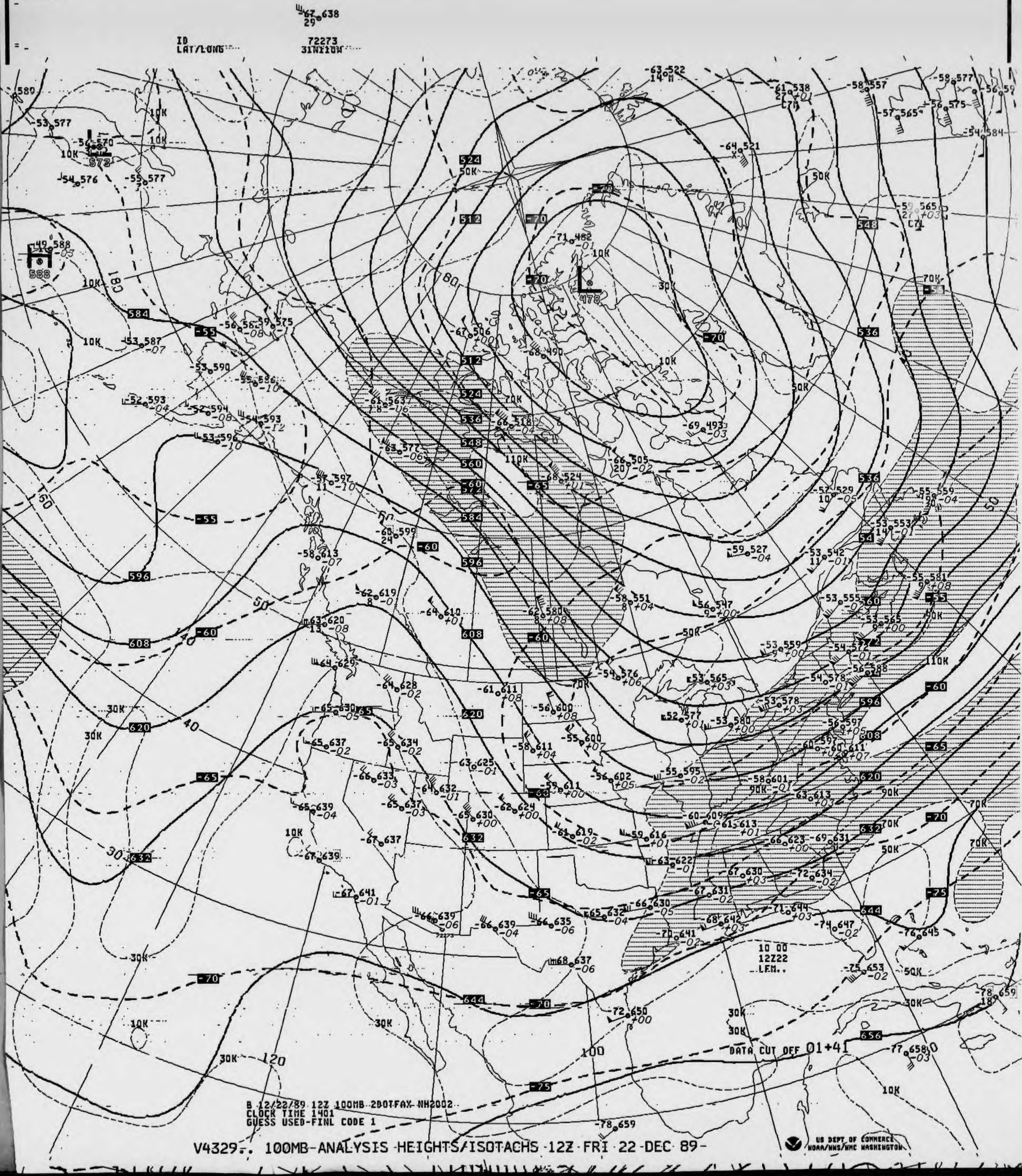
560
572
584
596
608
620
632
644
660
-55
-60
-65
-70
-75
-80
10K
30K
50K
70K
90K
110K
130K
40
60
80
100
120
140
DATA CUT OFF 01+33
10 00
00Z22
LFM

8 12/22/89 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 149
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 22 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

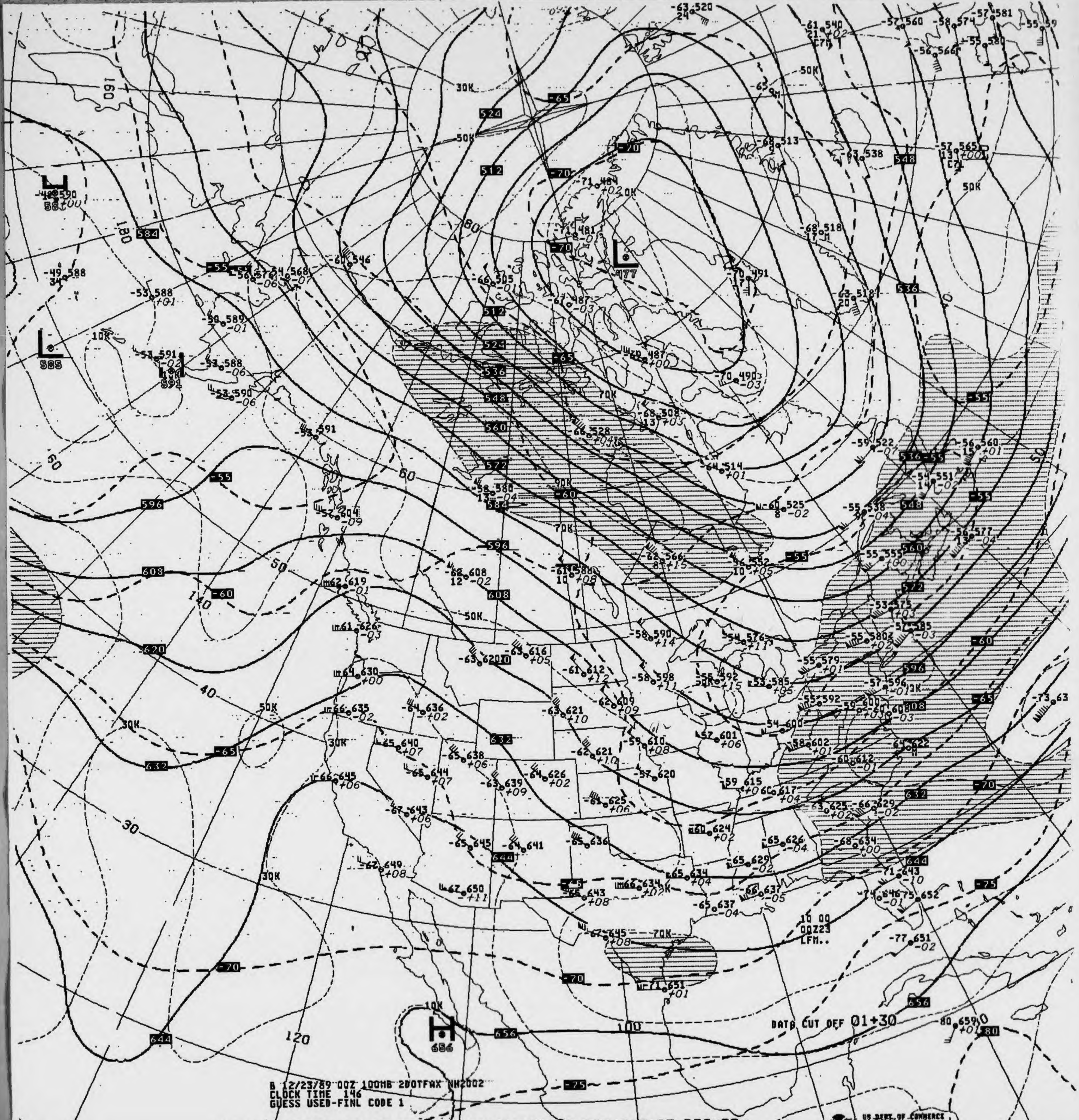
100MB


-67 638
29
ID
LAT/LONG
72273
31N110W
DATA CUT OFF 01+41
10 00
12Z22
LFM..

B 12/22/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1401
GUESS USED-FINL CODE 1

V4329-. 100MB-ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 22 DEC 89-

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/23/89 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 146
GUESS USED-FINL CODE 1
DATA CUT OFF 01+30
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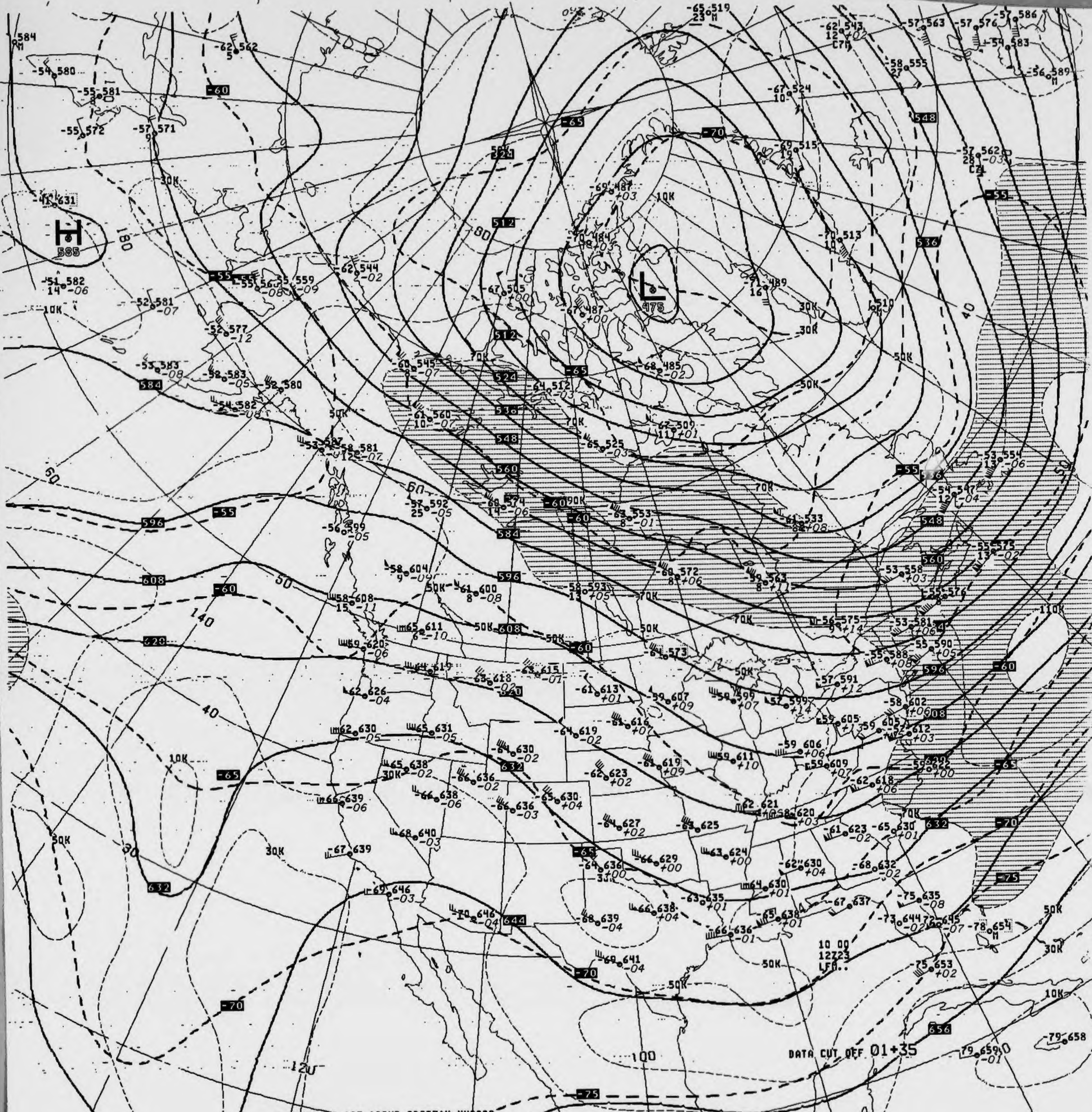
00Z23
LFM..

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
585
L
475
DATA CUT OFF 01+35
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12Z23
LFM..
180
140
120
100
80
60
50
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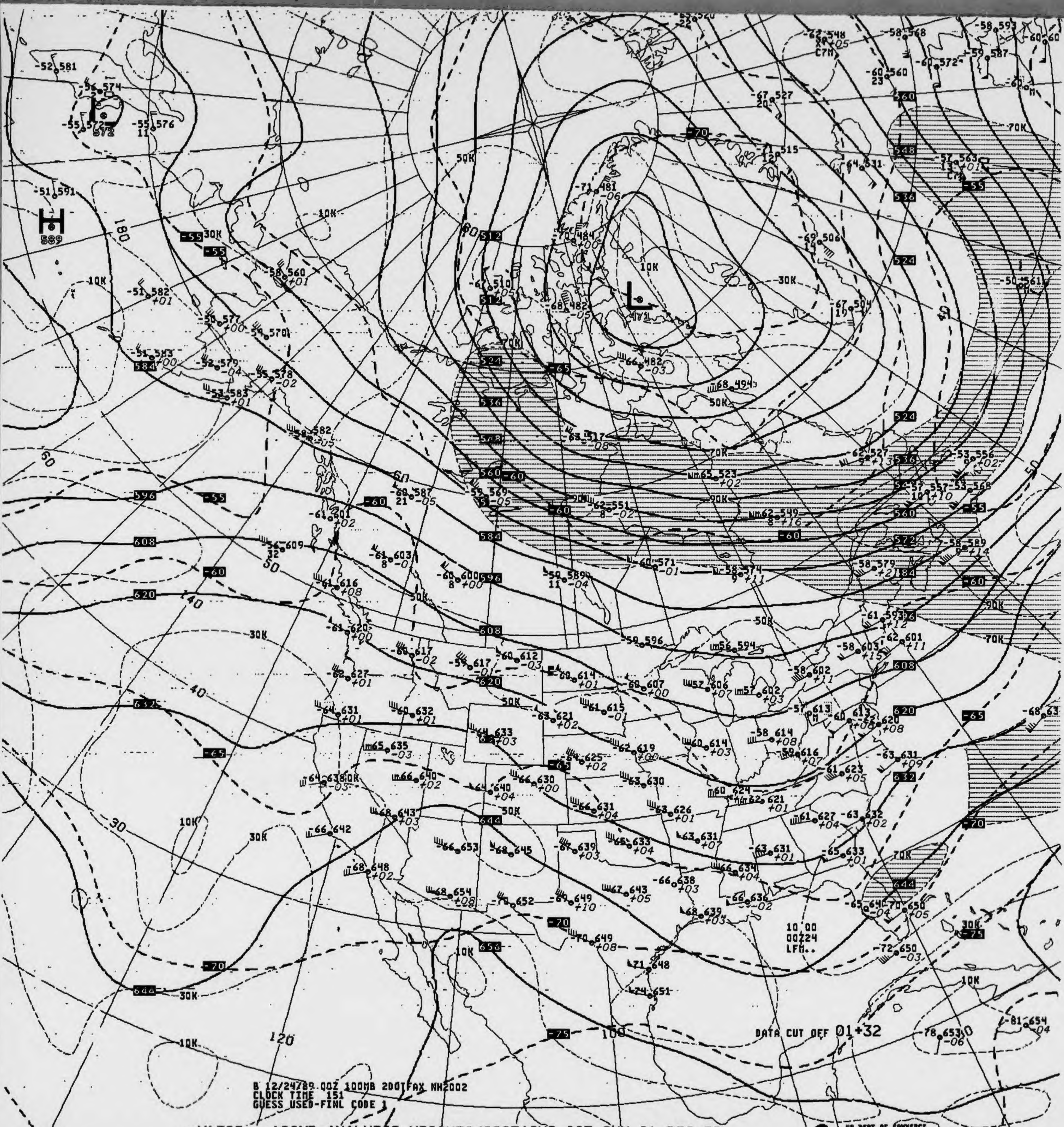
-55
-60
-65
-70
-75
512
524
536
548
560
584
596
608
620
632
644
656
10K
30K
50K
70K
90K
110K

B 12/23/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1354
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
589
L
471
10K
30K
50K
70K
90K
512
524
536
548
560
572
584
596
608
620
632
644
656
-55
-60
-65
-70
-75
180
160
140
120
100
60
50
40
30

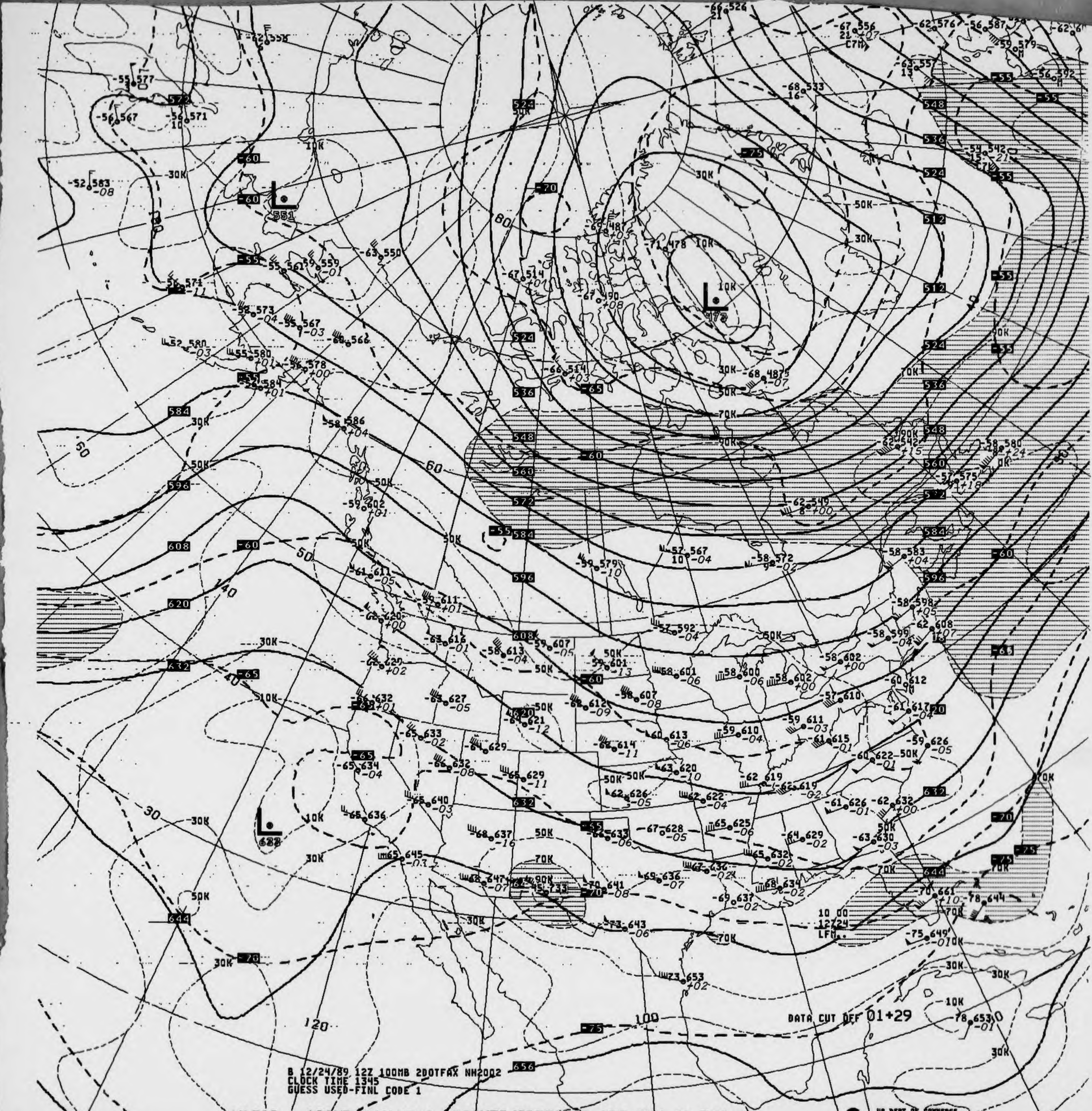
B 12/24/89 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1

10 00
00Z24
LFM..

DATA CUT OFF 01+32

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 24 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+29
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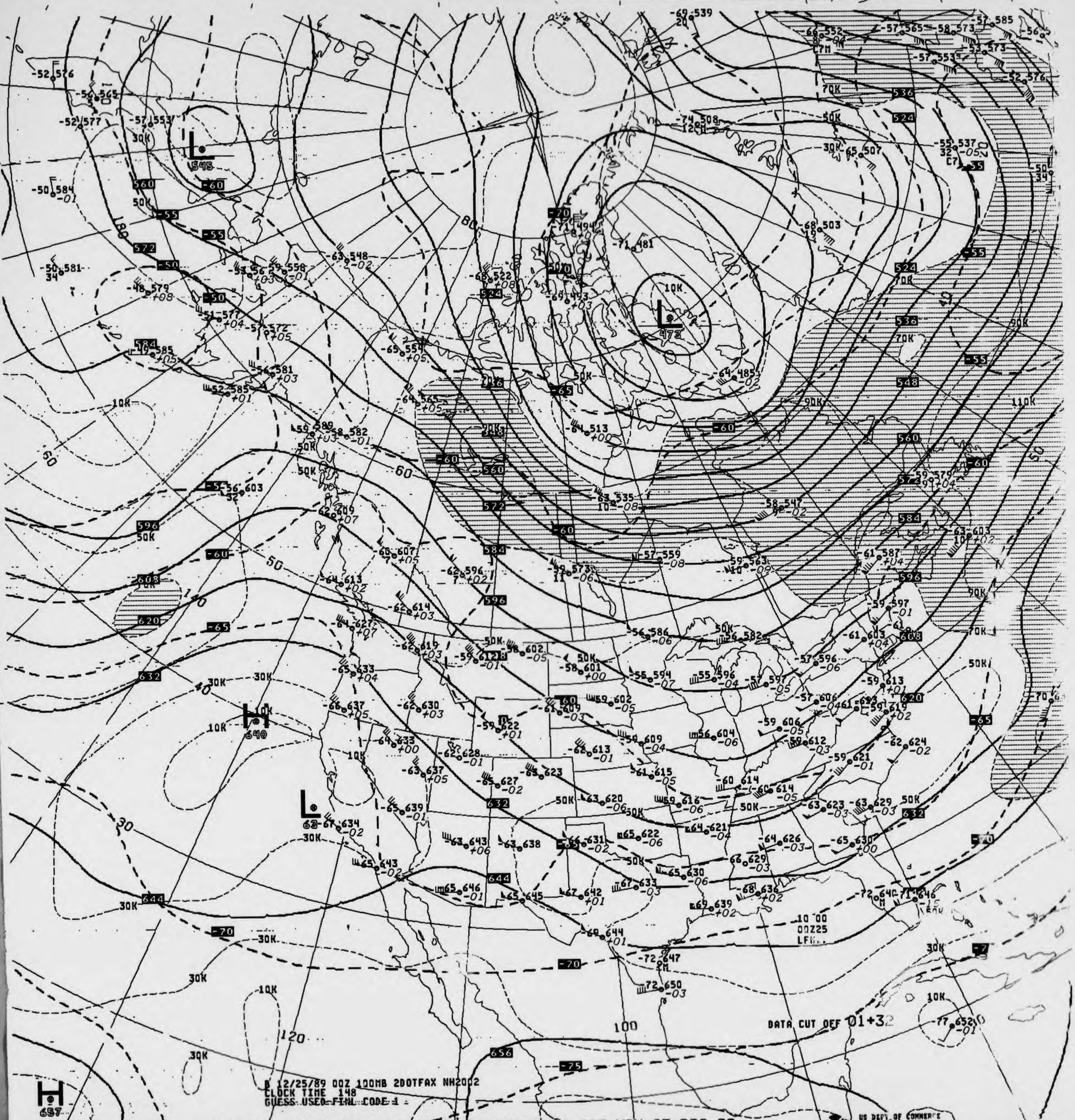
12/24
LFM

B 12/24/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1345
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 24 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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LFM
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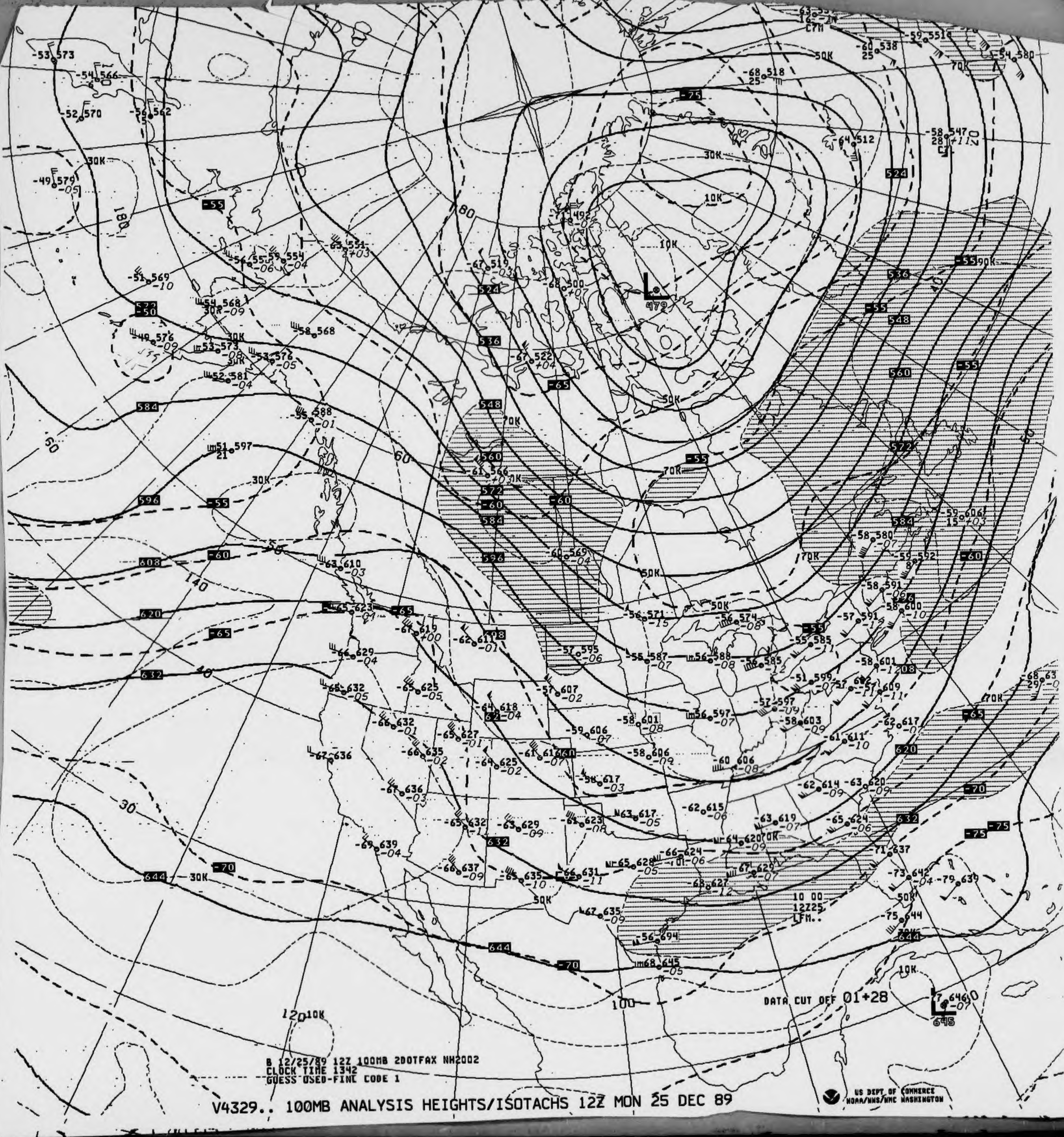
CLOCK TIME 148
GUESS USED-FNL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASH
L
545
L
472
H
640
L
H
657

V4328.. 100MB ANALYSIS-HEIGHTS/ISOTACHS 00Z MON 25 DEC-89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LFM..
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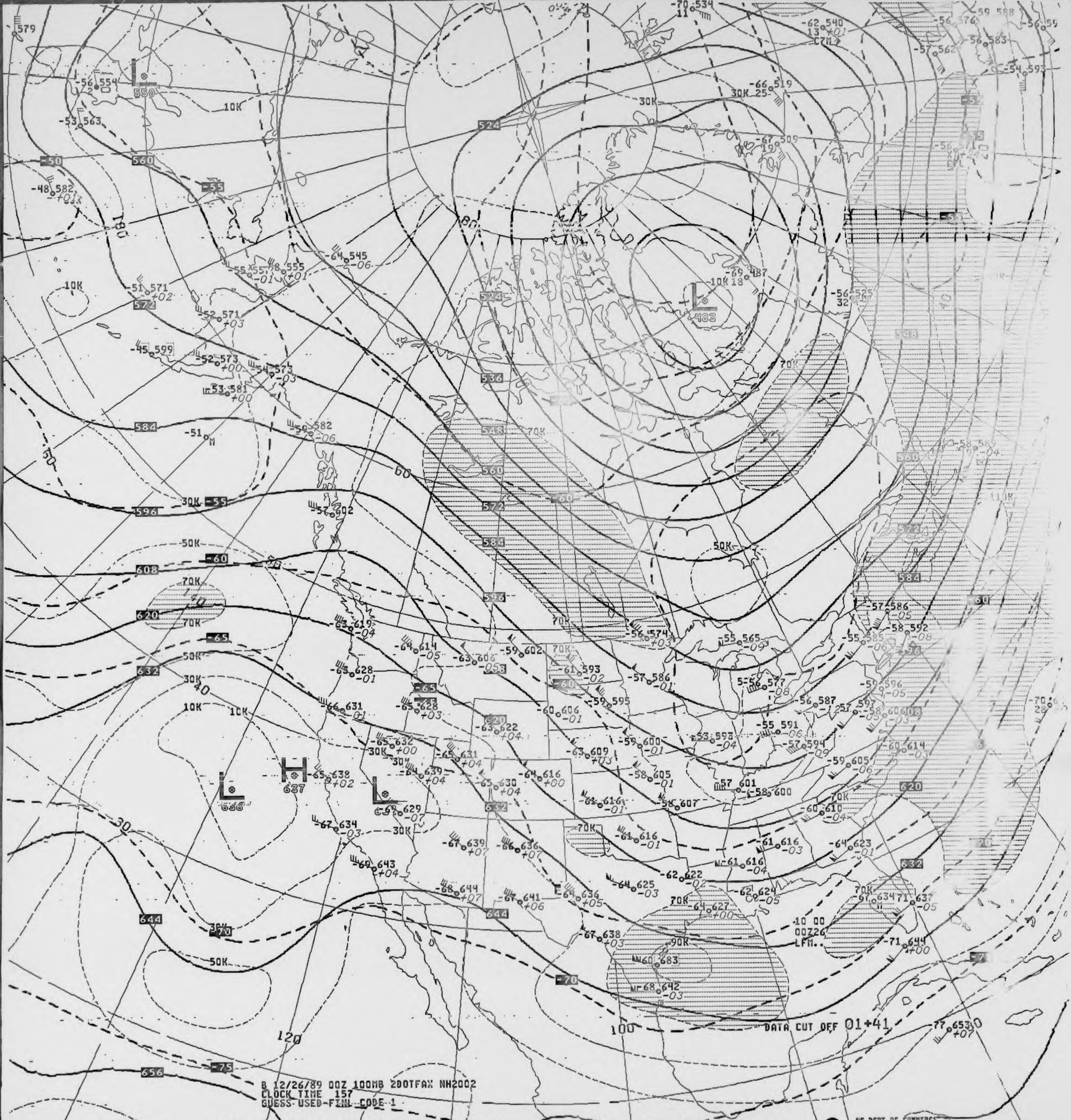
CLOCK TIME 1342
GUESS USED-FINE CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 25 DEC 89



B 12/26/89 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 157
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536
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560
572
584
596
608
620
632
644
656
-50
-55
-60
-65
-70
-75
10K
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80
100
120
180
L
H
483
550
637

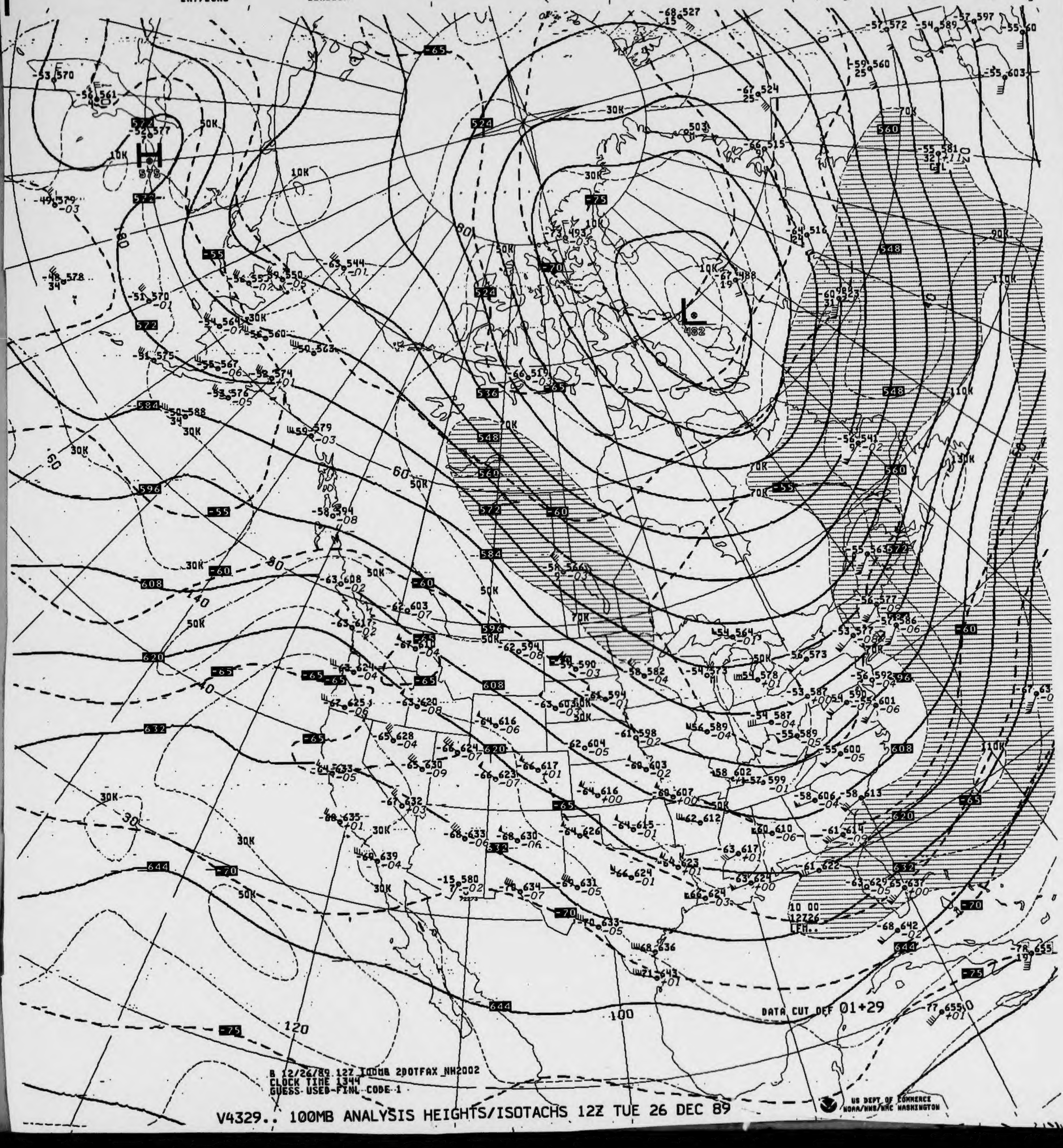
V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 26 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

100MB

636
M

ID 72273
LAT/LONG 31N110W


H
579
L
482
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584
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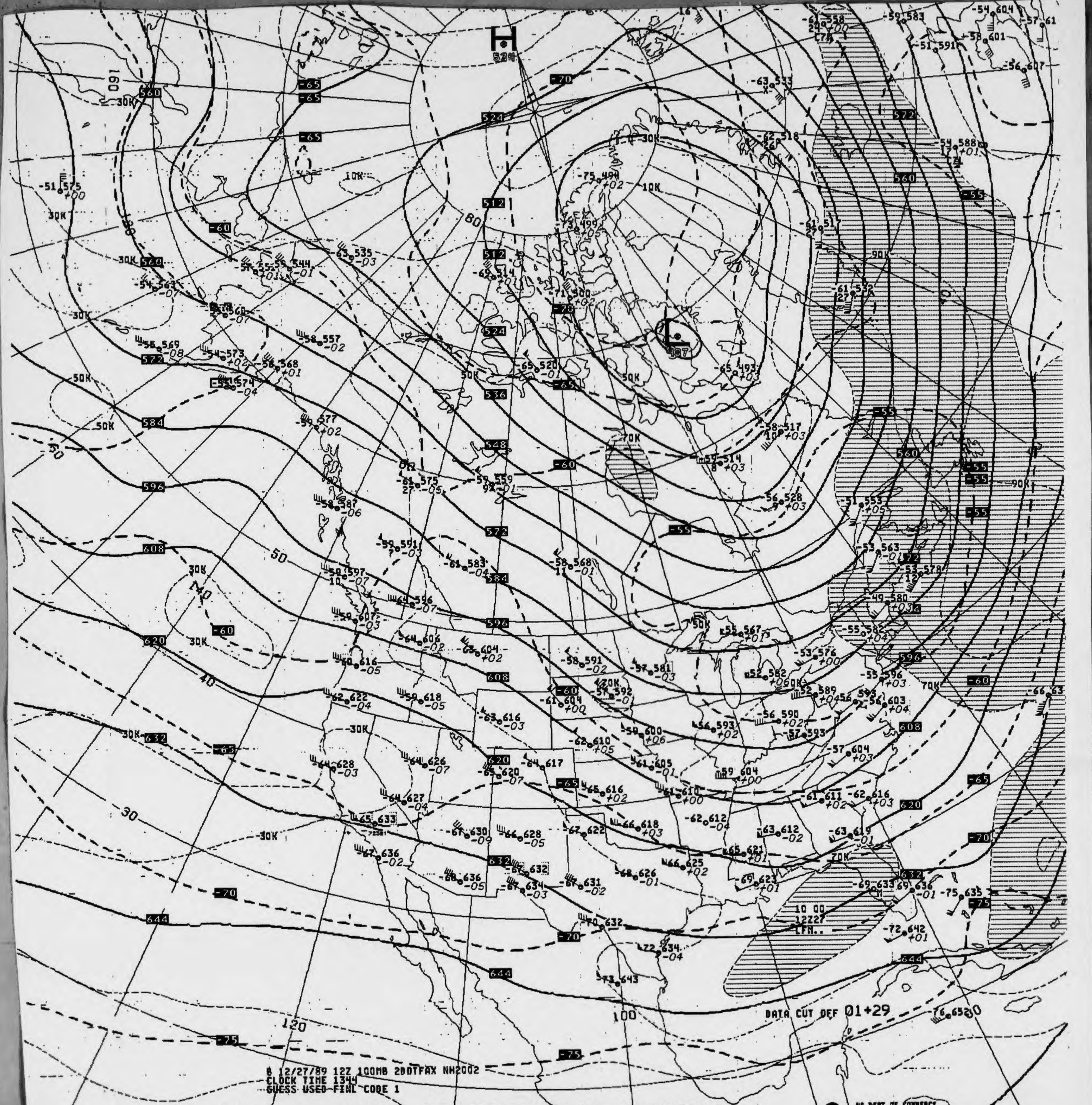
-60
-65
-70
-75
10K
30K
50K
70K
90K
110K
130K
60
80
100
120
140

B 12/26/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1344
GUESS USED-FINL CODE 1

DATA CUT OFF 01+29

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

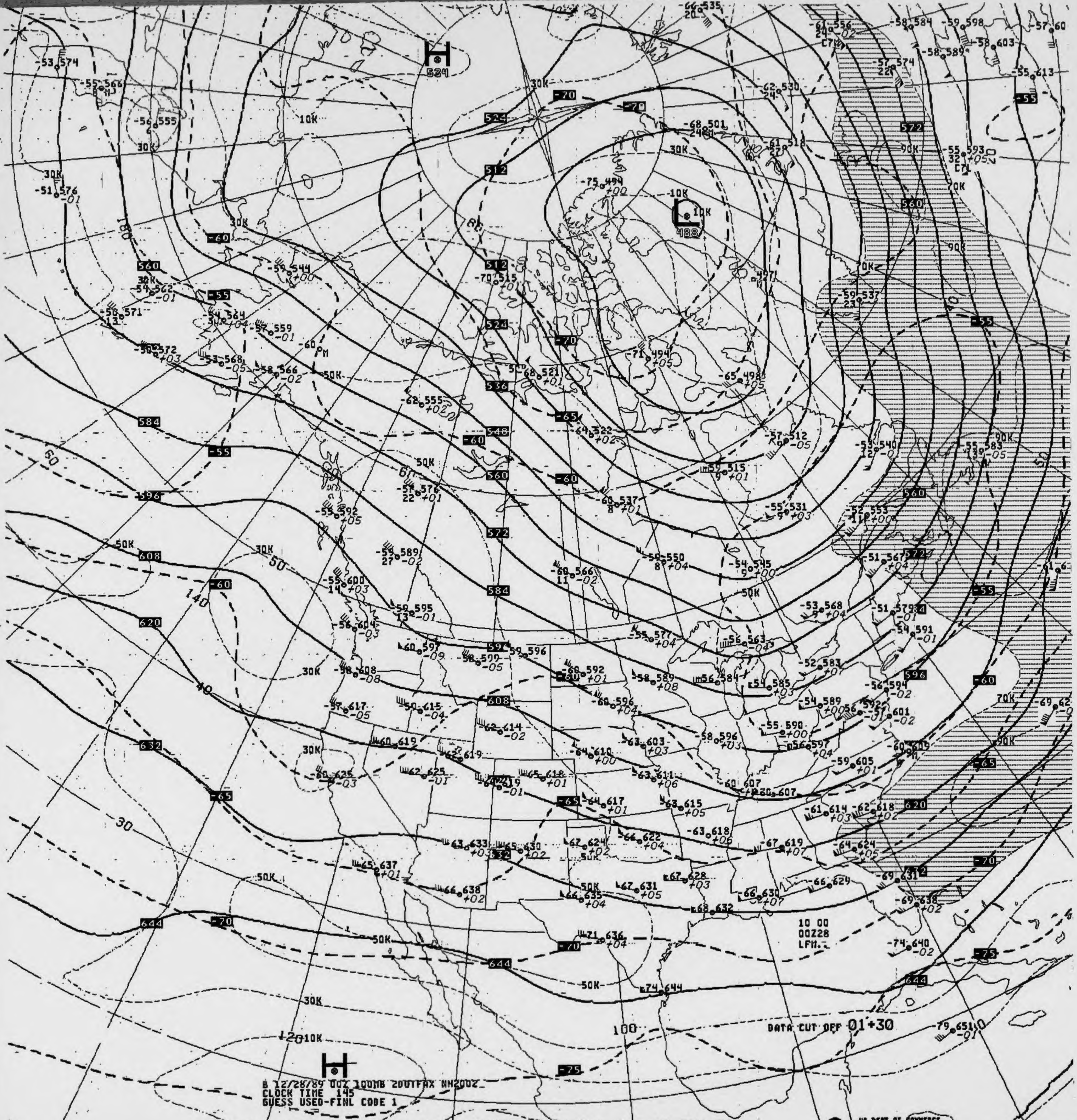
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 26 DEC 89


H
524
L
487
DATA CUT OFF 01+29
10 00
12Z27
LFM..

B 12/27/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1344
GUESS USED FINAL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 27 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 145
GUESS USED-FINL CODE 1
DATA CUT OFF 01+30
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00Z28
LFM
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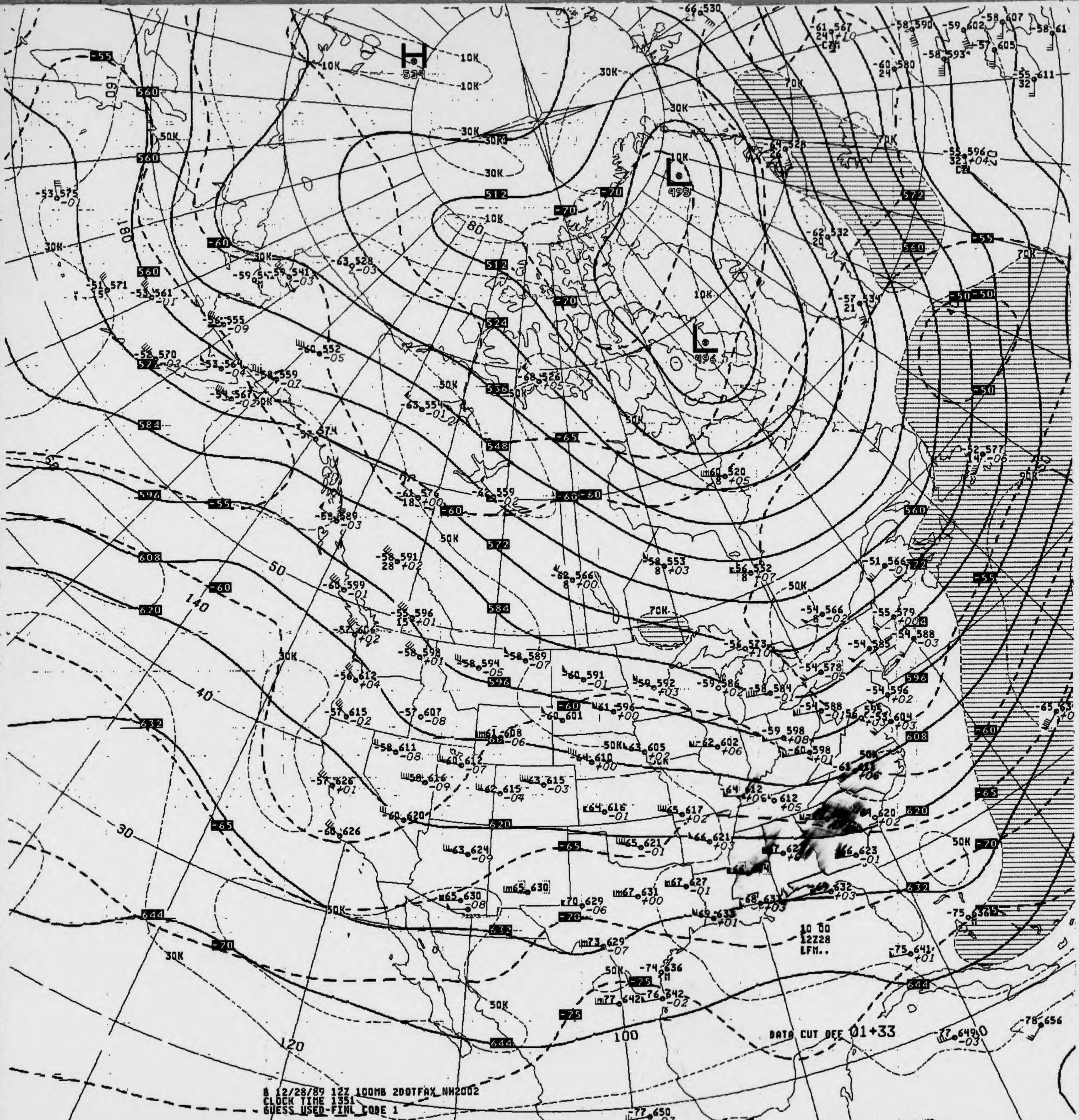
534
L
488
H

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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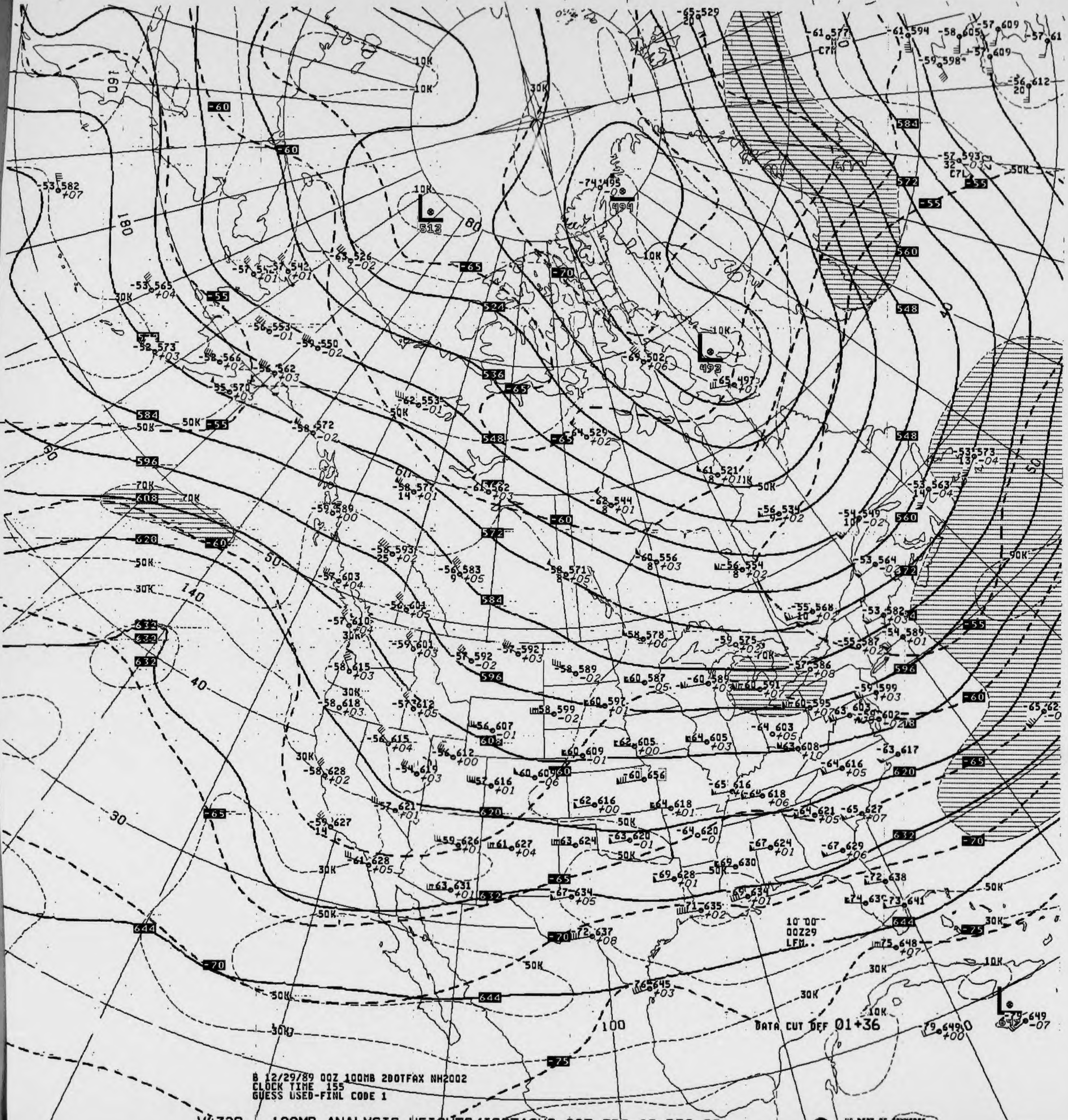
-60
-65
-70
-75
10K
30K
50K
70K
90K
160
180
140
120
100
80
50
40
30
10 00
12Z28
LFM..
DATA CUT OFF 01+33

8 12/28/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/29/89 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 155
GUESS USED-FINL CODE 1
DATA CUT OFF 01+36
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00Z29
LFM..
L 512
L 494
L 492
L 649
584
596
608
620
632
644
572
560
548
536
524
-55
-60
-65
-70
-75
10K
30K
50K
70K
90K
180
160
140
100

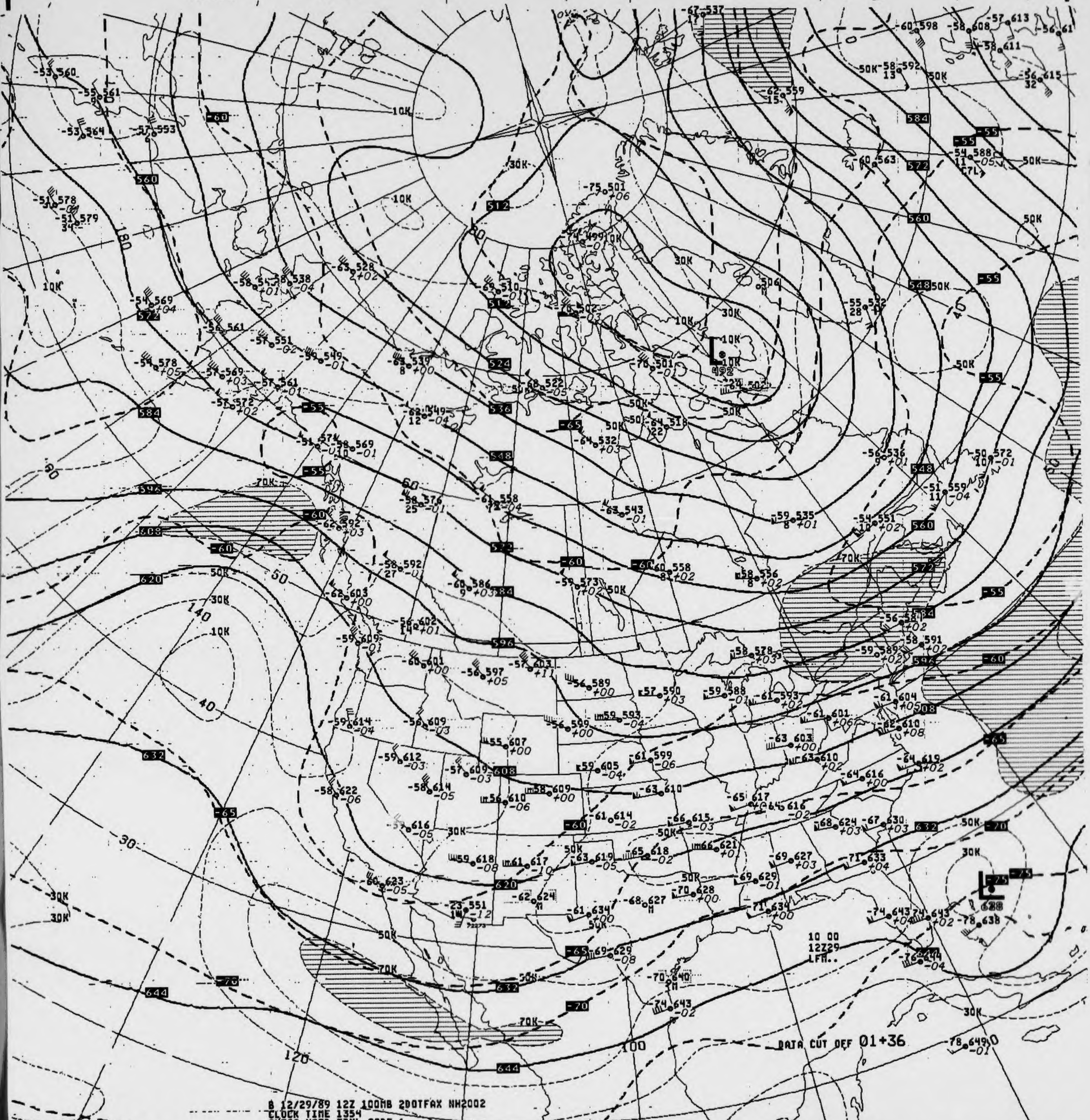
V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

100MB

61 625

ID 72273
LAT/LONG 31N110W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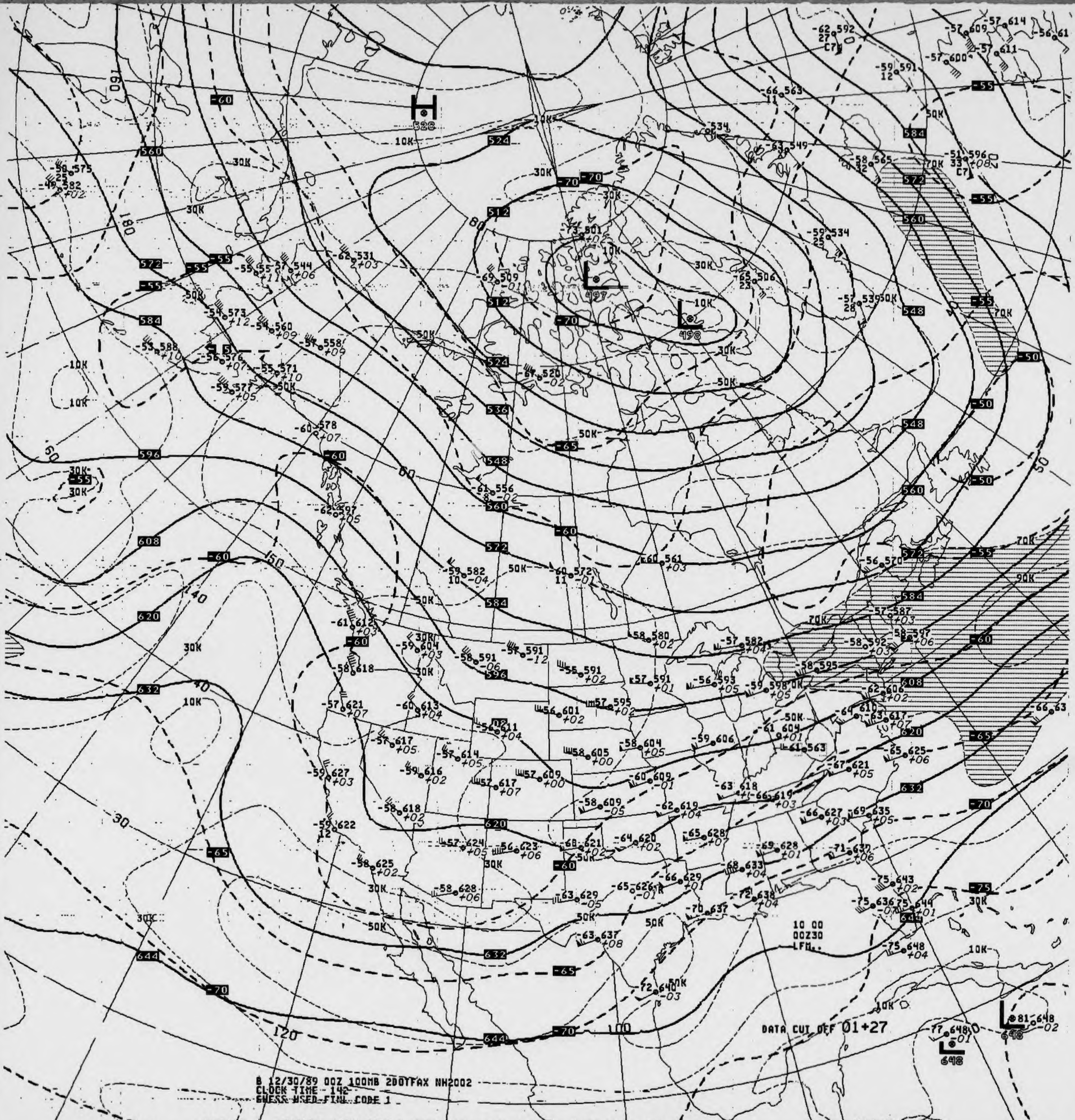
632
644
-55
-60
-65
-70
-75
L
492
L
628

8 12/29/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1354
GUESS USED-FINL CODE 1

V4329... 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/30/89 00Z 100MB 2001FAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1
DATA CUT OFF 01+27
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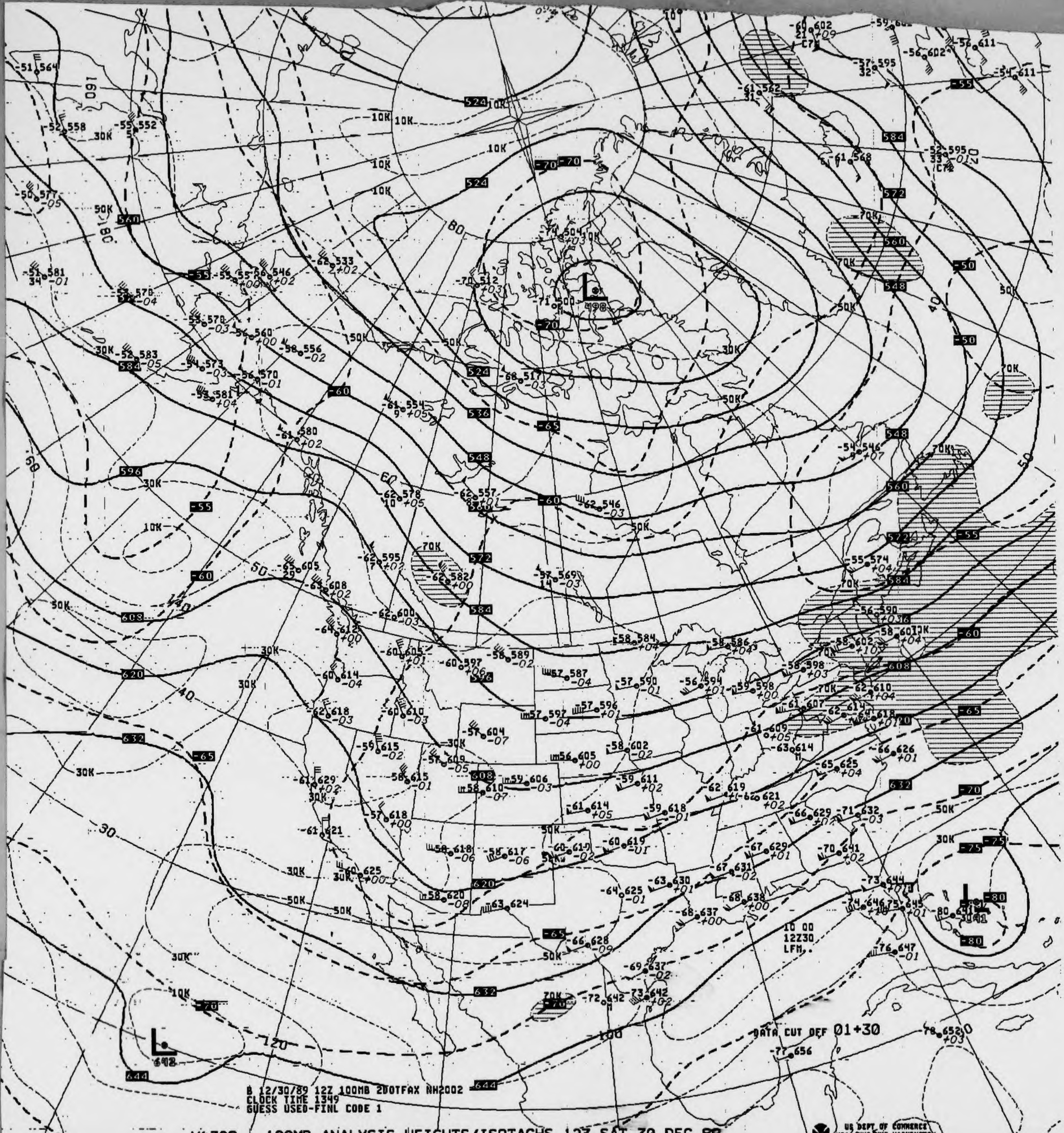
00Z30
LFM.
H
528
L
497
L
498
L
648

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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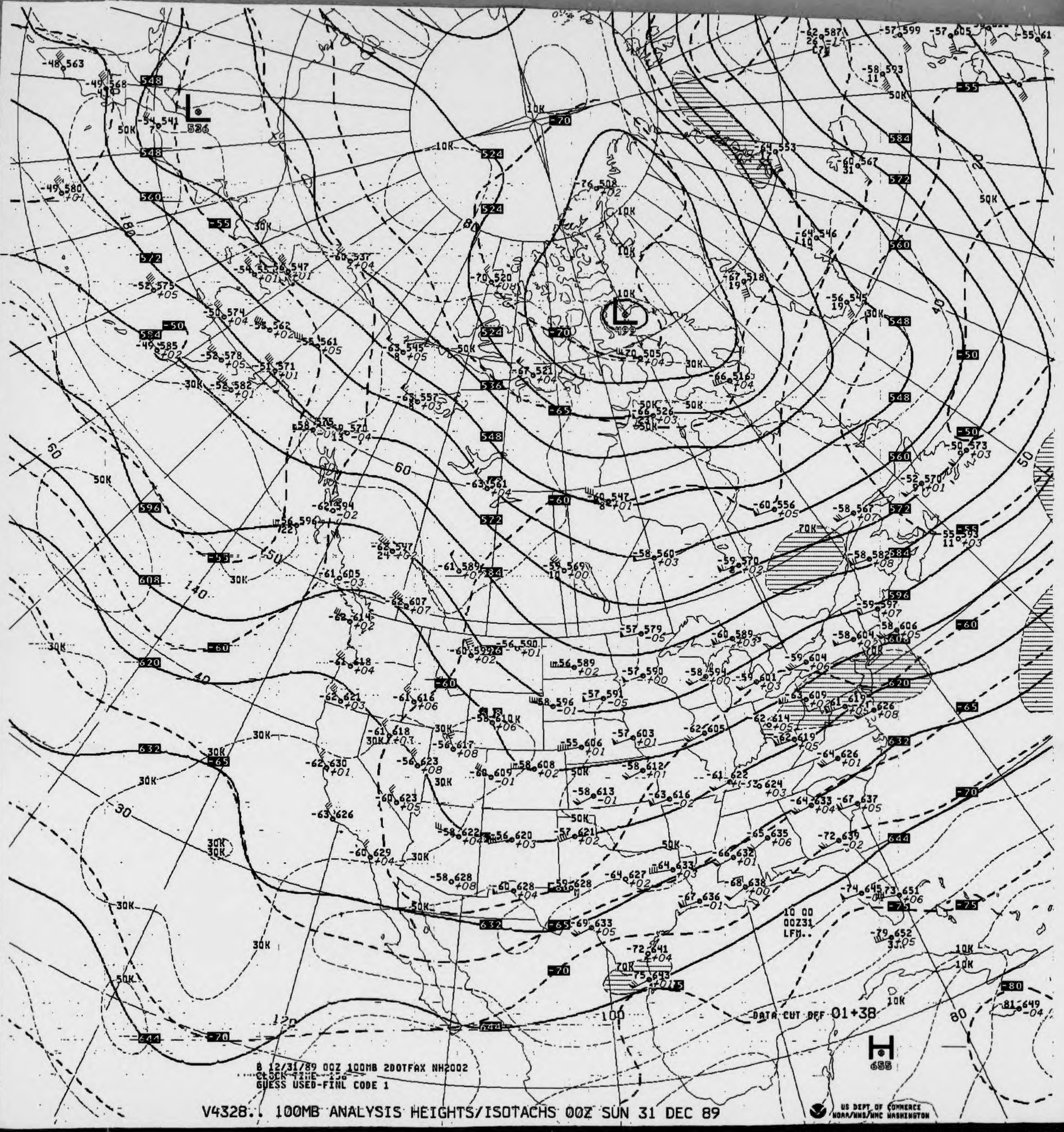
12Z30
LFM
B 12/30/89 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1349
GUESS USED-FINL CODE 1

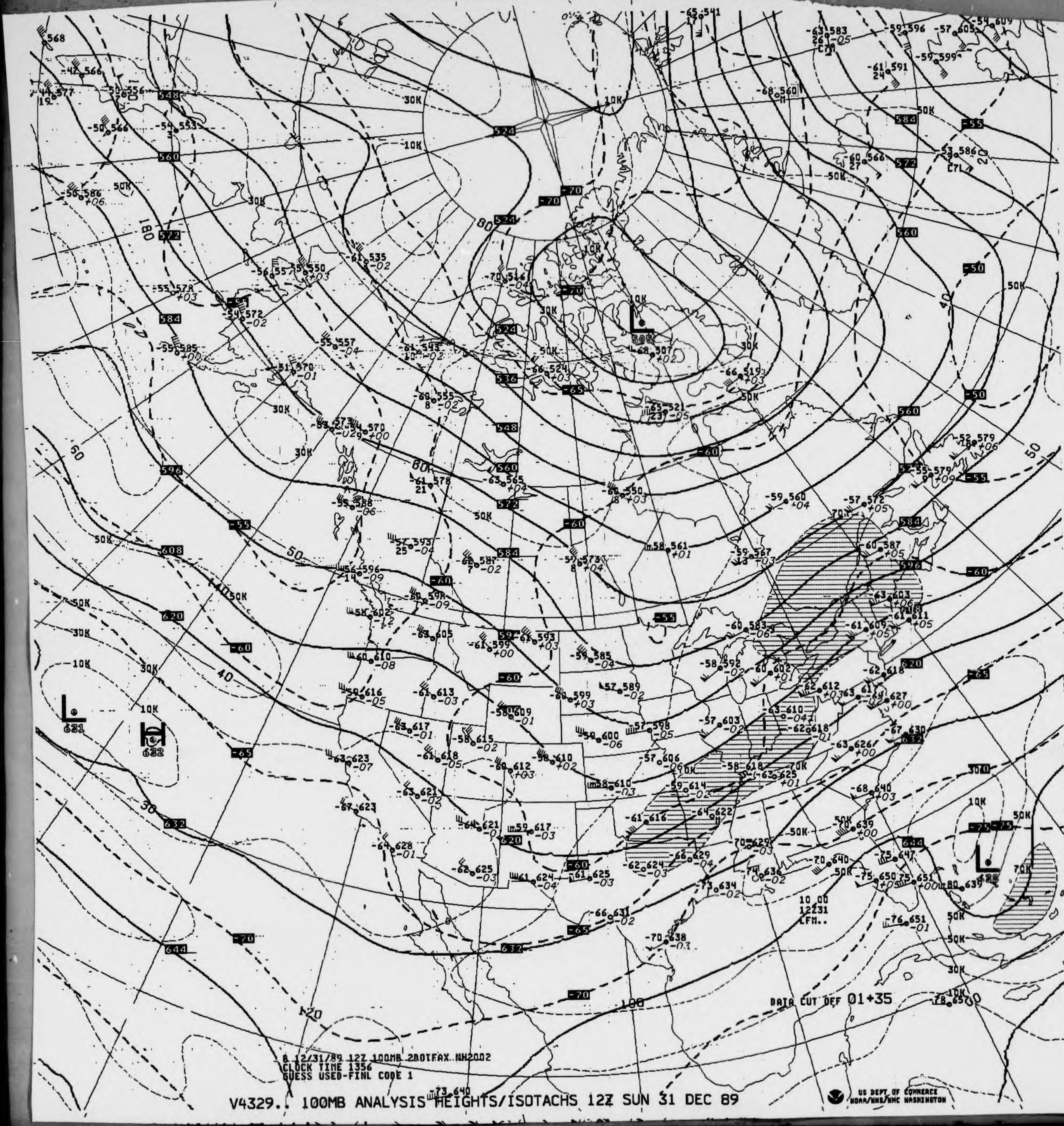
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



L
526
L
499
H
655
10K
30K
50K
70K
548
560
572
584
596
608
620
632
644
524
536
-50
-55
-60
-65
-70
-75
-80
180
160
150
140
120
-100
80
60
50
40
30
20
DATA CUT OFF 01+38
10 00
00Z31
LFM..
B 12/31/89 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 156
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 31 DEC 89


B 12/31/89 12Z 100MB 280TFAX NH2002
CLOCK TIME 1356
GUESS USED-FINL CODE 1
DATA CUT OFF 01+35
10.00
12231
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
180
120
100
80
60
50
40
30
10K
30K
50K
70K

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 31 DEC 89

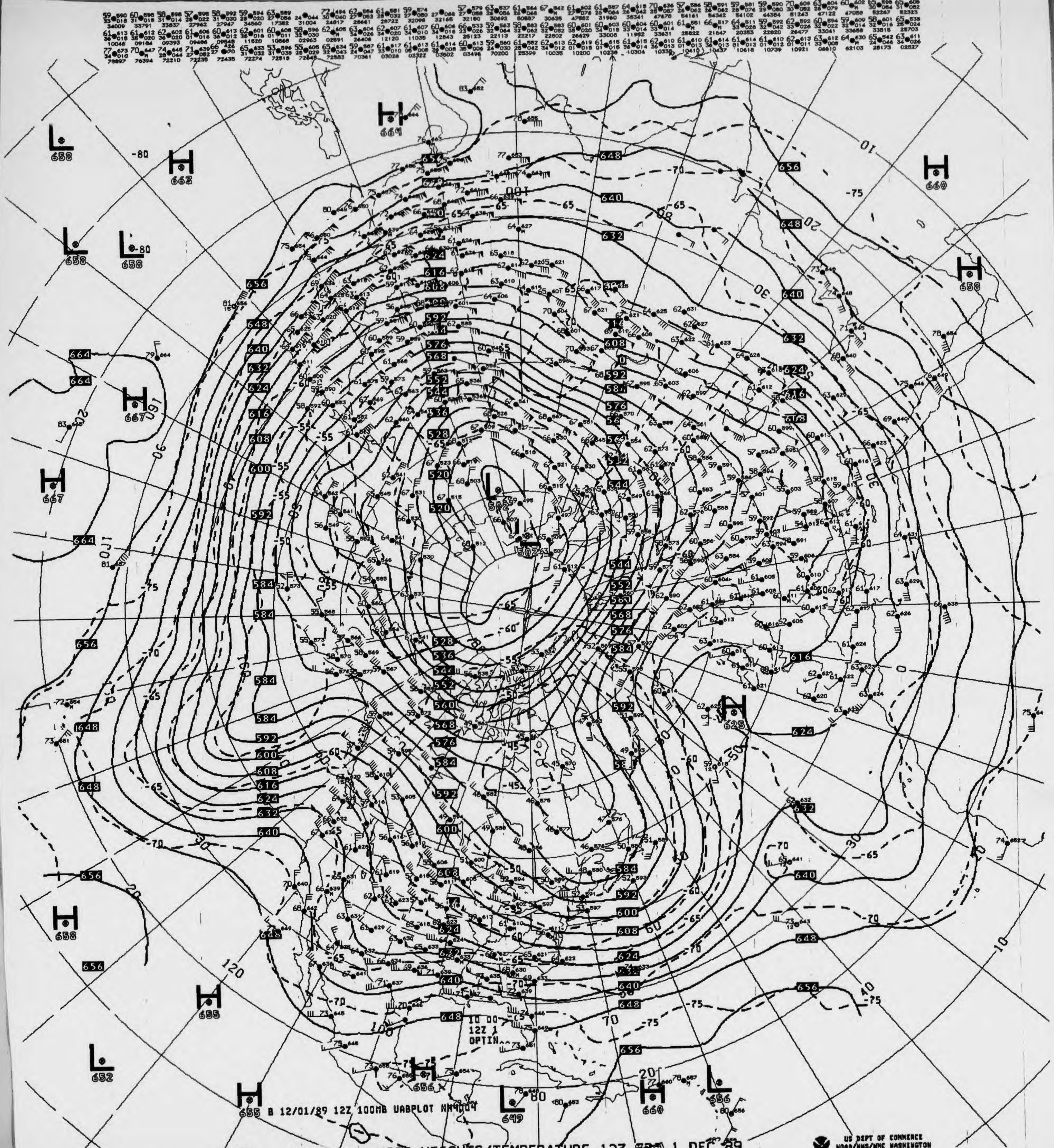
OAA Form 48 - 366A
ev. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

100 MB CONSTANT PRESSURE CHARTS

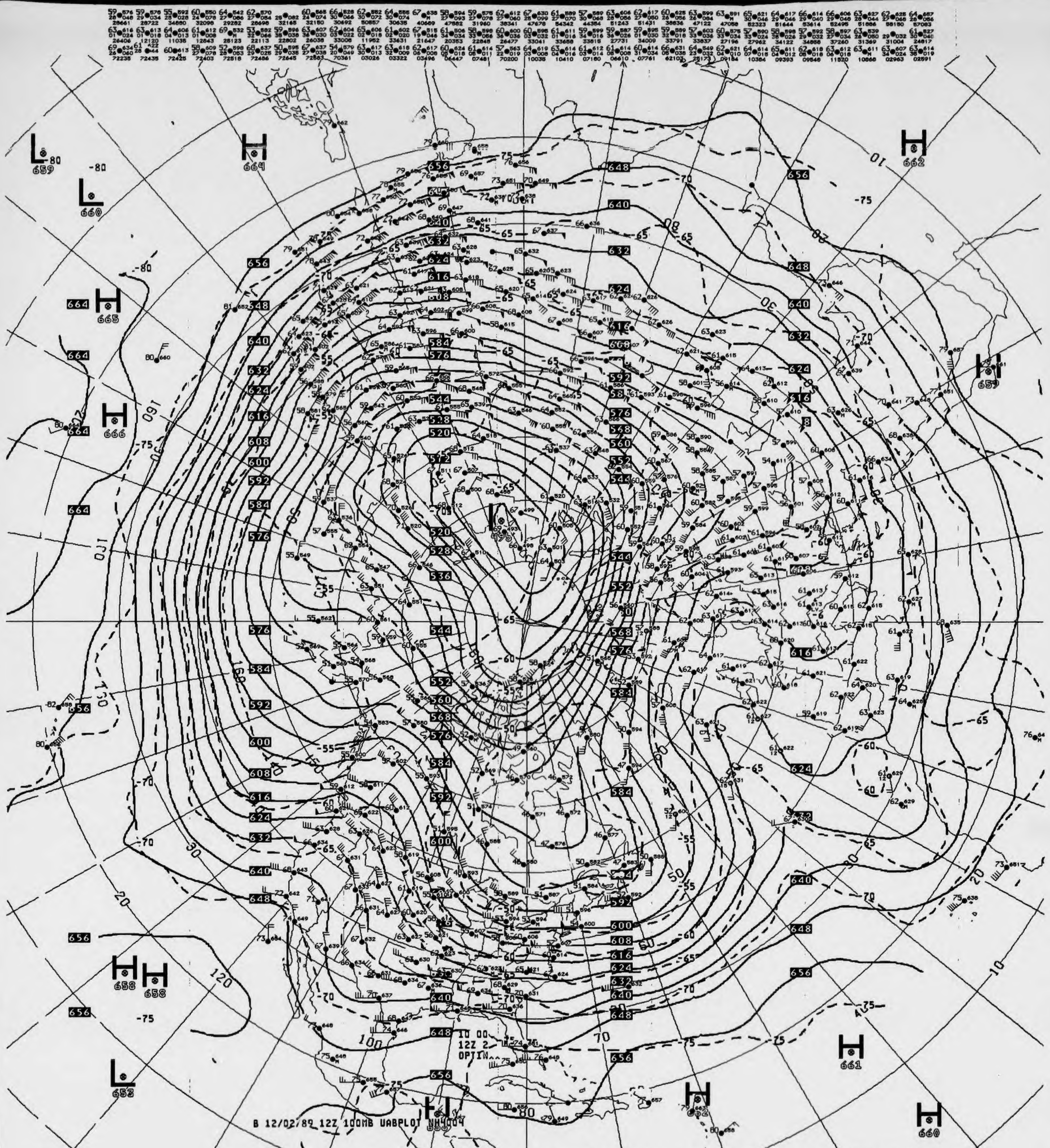
STRATOSPHERIC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING


B 12/01/89 12Z 100MB UABPLOT NH4004
10 00
12Z 1
OPTIN
H 662
H 669
H 660
H 658
H 667
H 625
H 655
H 656
L 658
L 656
L 652
L 649
L 502
664
656
648
640
632
624
616
608
600
592
584
576
568
560
552
544
536
528
520
-80
-75
-70
-65
-60
-55
-50
-45
10
20
30
40
50
60
70
80
90
100
120
160

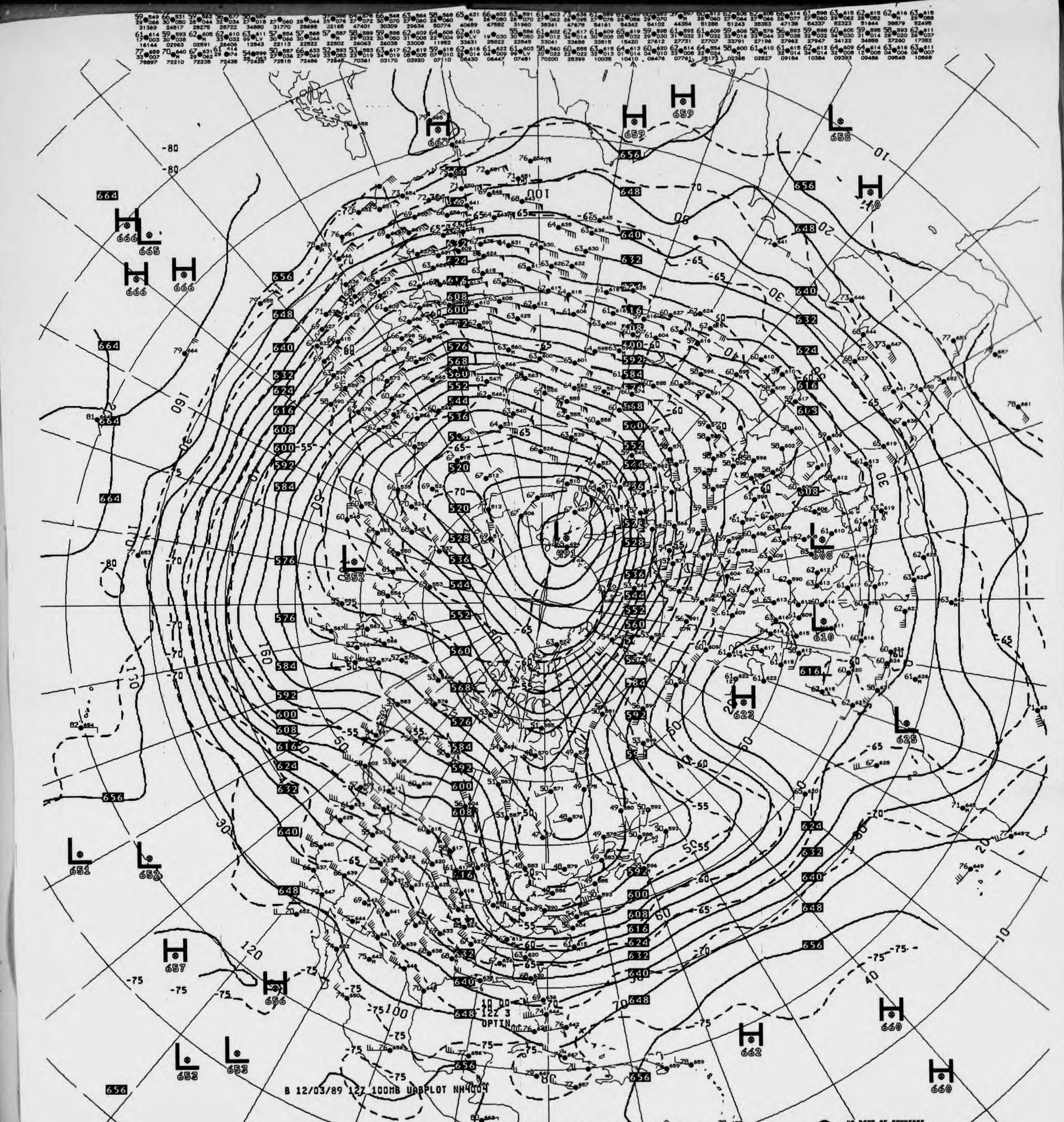
V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 1 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/02/89 12Z 100MB UABPLOT NH4004
10 00
12Z 2
OPTIN
H 664
H 665
H 666
H 658
H 658
H 662
H 659
H 661
H 660
L 659
L 660
L 653
L 495

V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 2 DEC 89

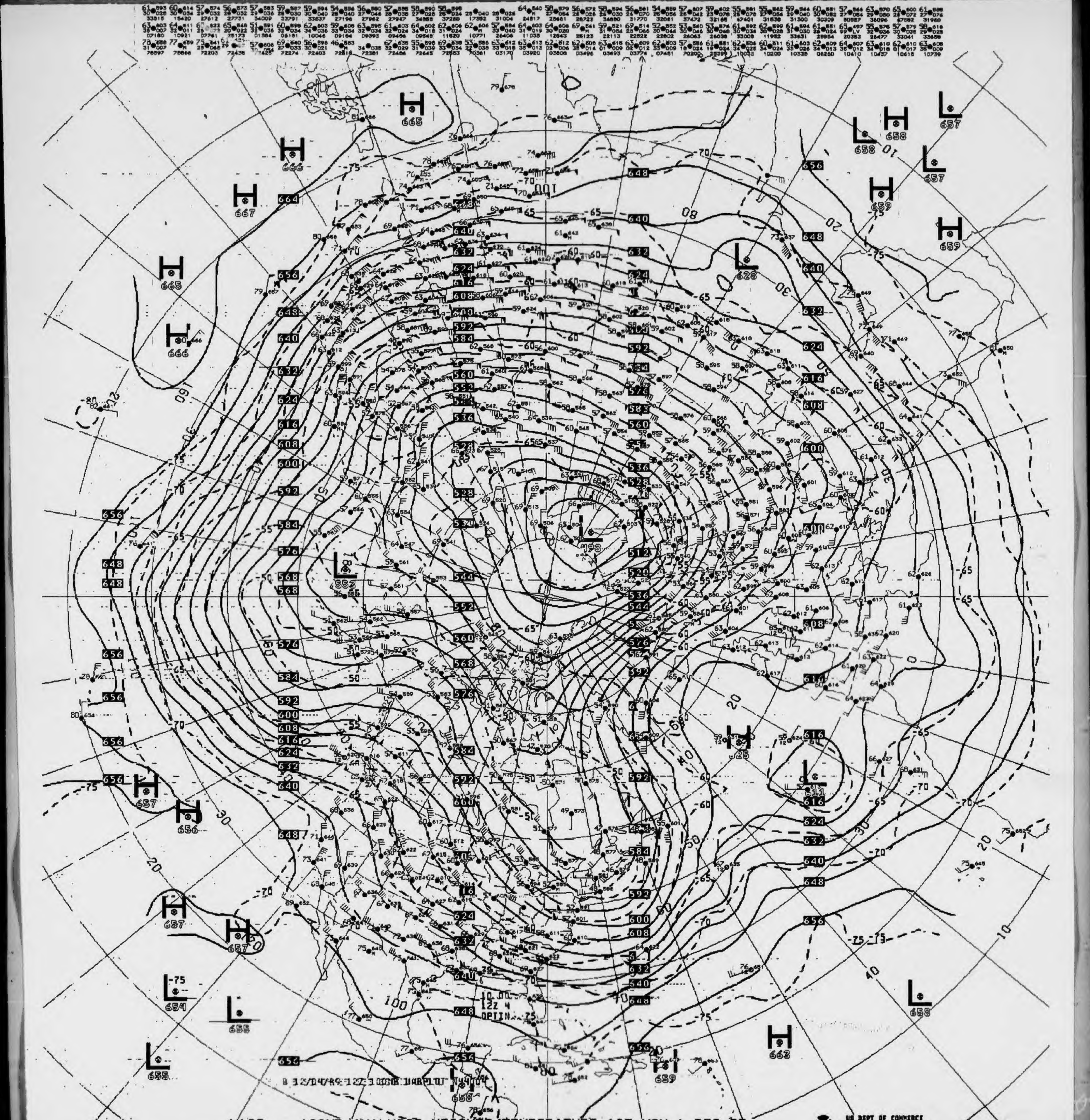
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/03/89 12Z 100MB UABPLOT NH4004
10 00
12Z 3
OPTIN
H 659
H 659
H 662
L 658
H 666
L 665
H 666
H 666
L 552
L 491
L 608
L 610
H 623
L 625
L 651
L 652
H 657
H 656
L 652
L 653
H 662
H 660
H 660

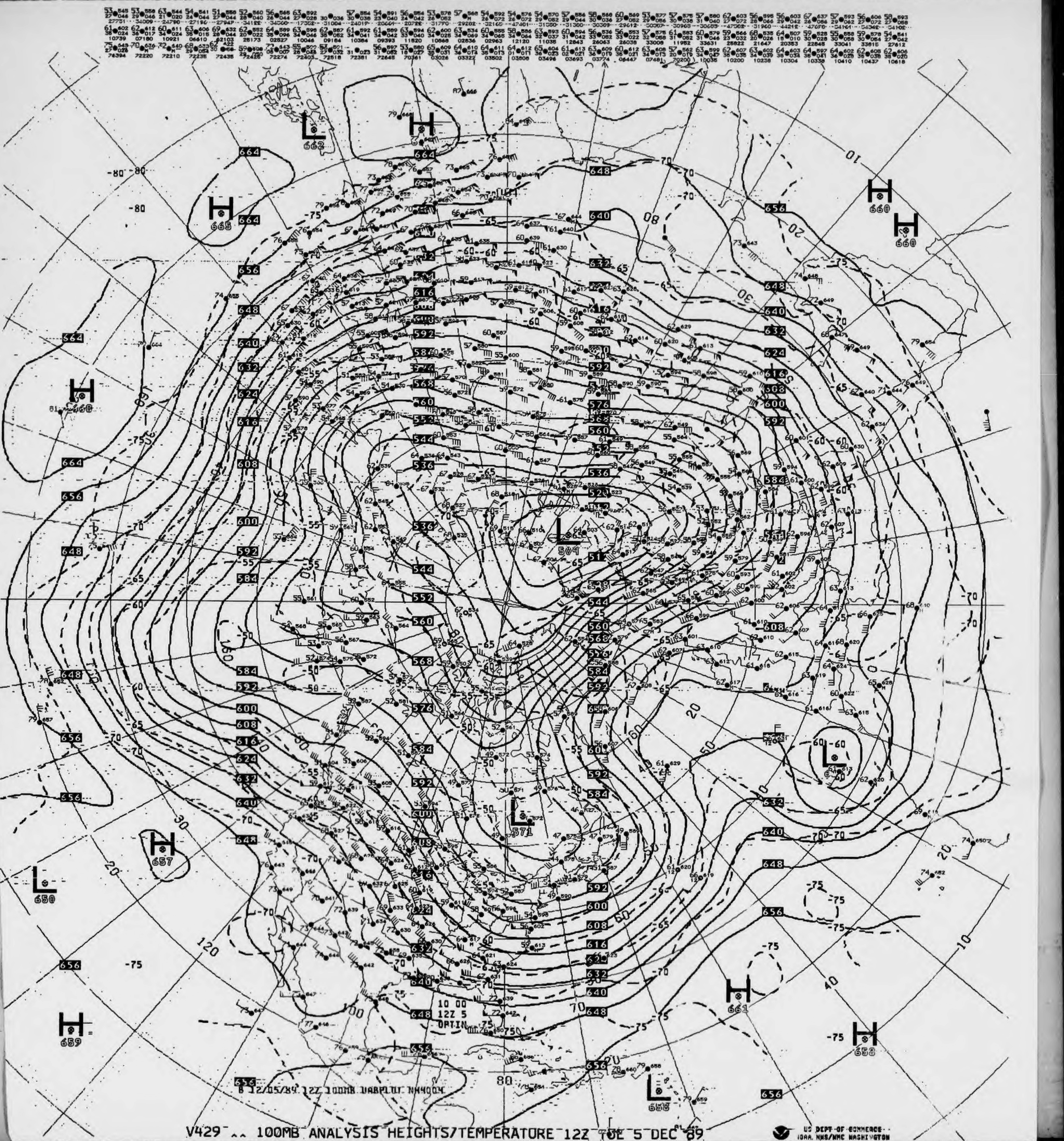
V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 4 DEC 89

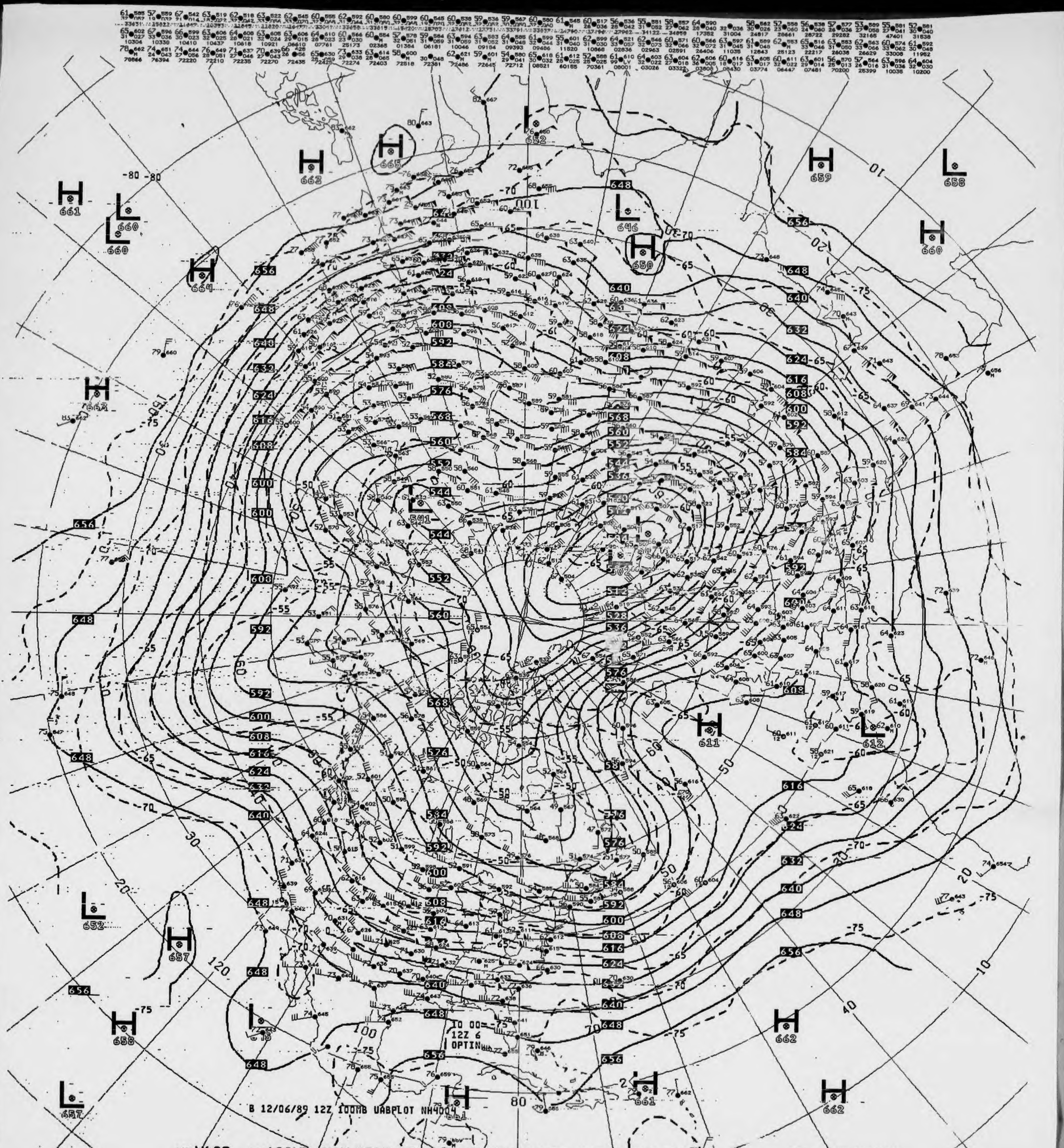
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



H 665
L 662
H 660
H 660
H 657
L 650
H 659
L 504
L 571
H 661
H 658
L 658
10 00
12Z 5
OPTIN
8 12/05/89 12Z 100MB UABPLOT NH4004

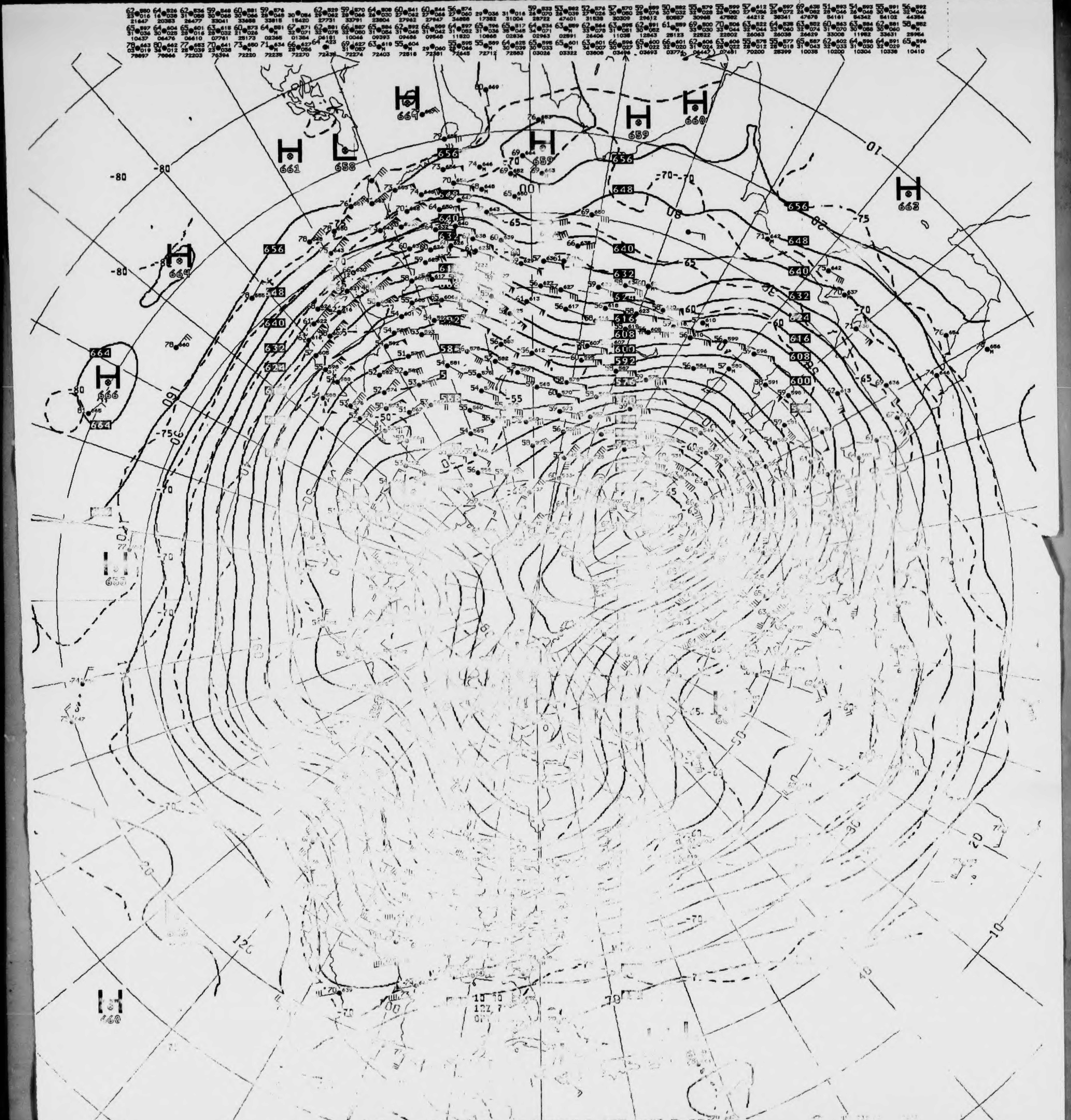
V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA NWS/NMC WASHINGTON

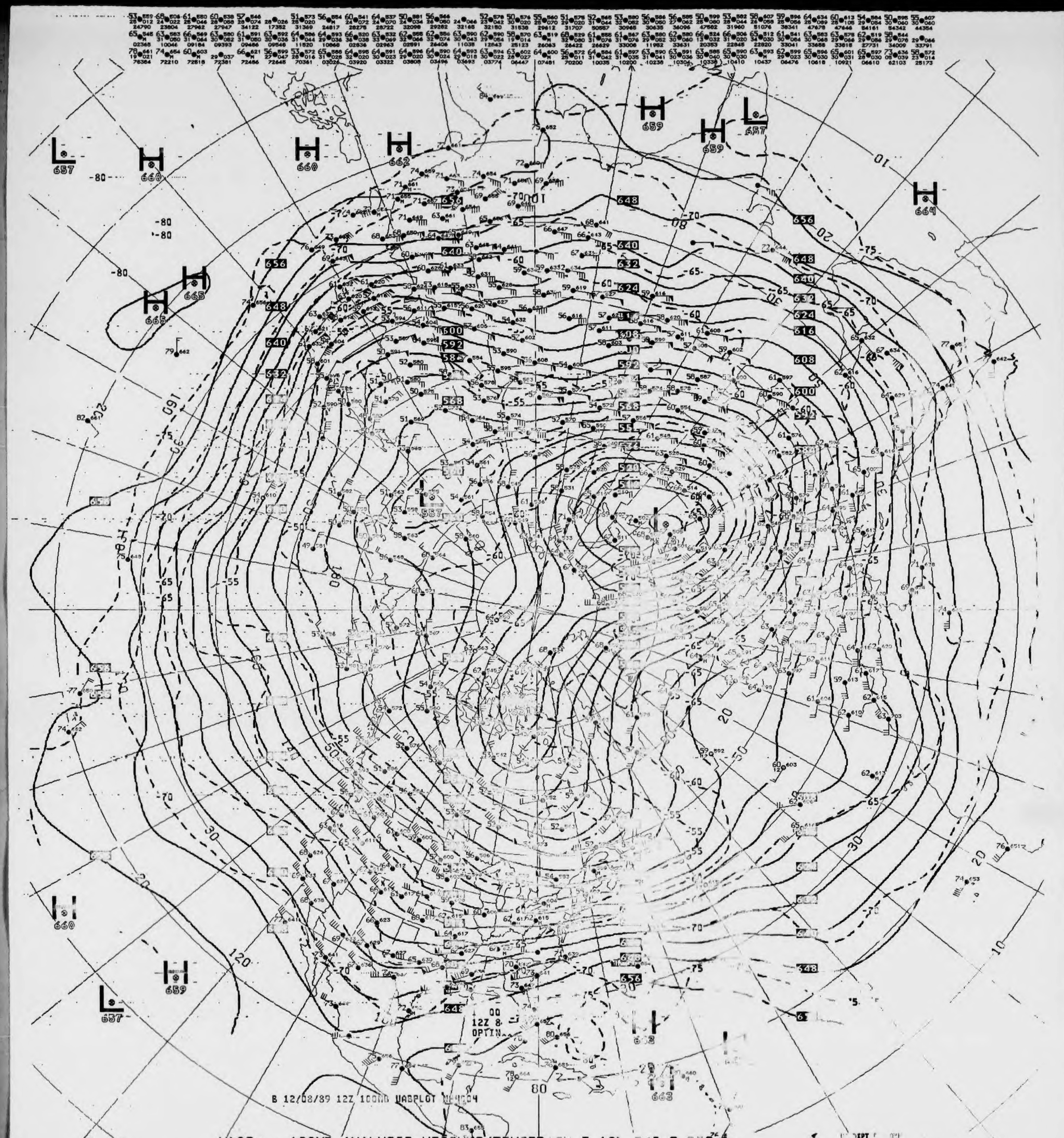

B 12/06/89 12Z 100MB UAPLOT NH4004
H
L
10
20
30
40
50
60
70
80
100
120
-50
-55
-60
-65
-70
-75
-80

V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 6 DEC 89

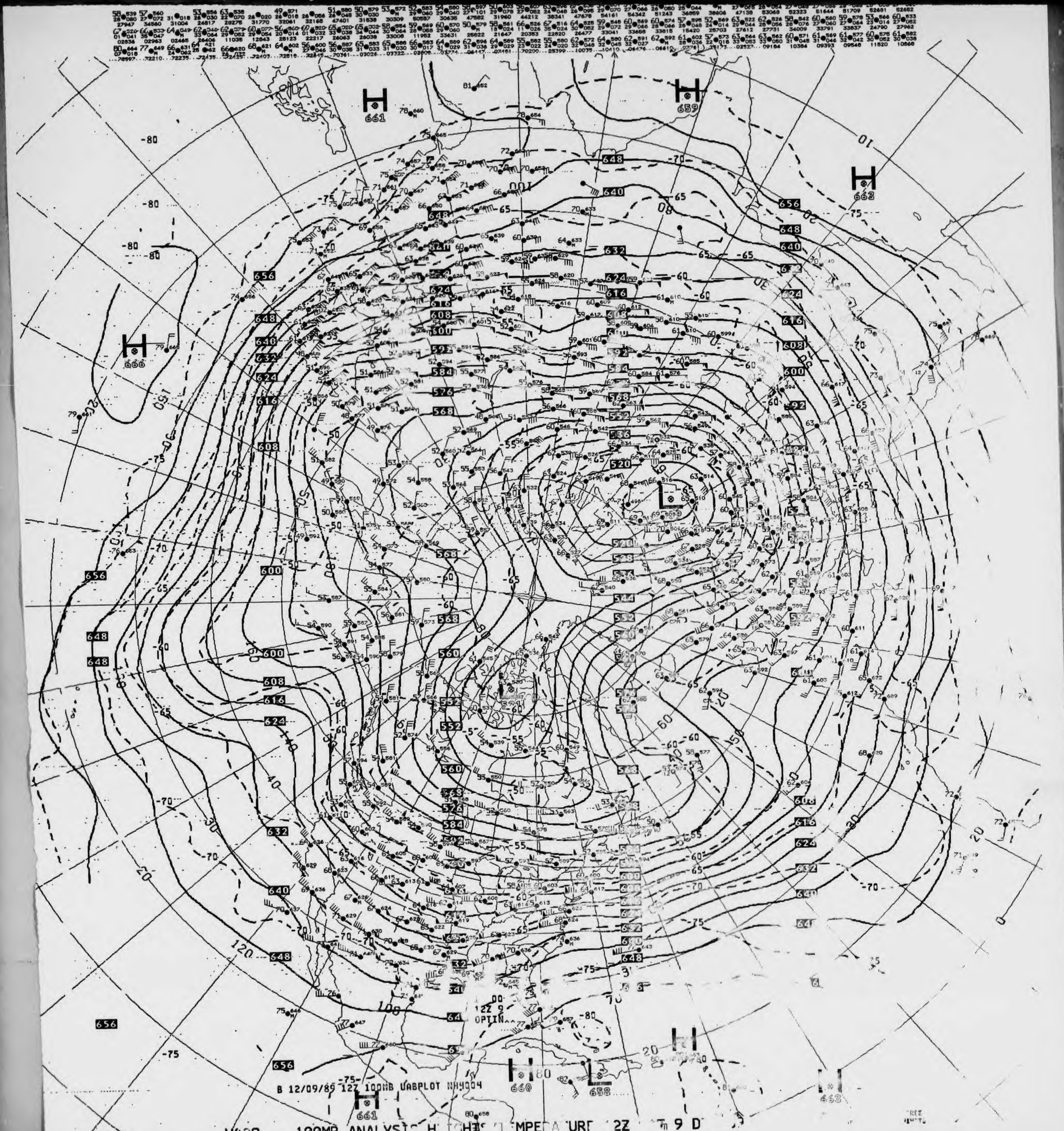
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
664
H
661
L
658
H
659
H
659
H
660
H
662
H
664
H
666
664
664
656
648
640
632
624
616
608
600
592
576
-80
-75
-70
-65
-60
-55
-50
10
20
30
40
12Z
H
660
10 10
12Z

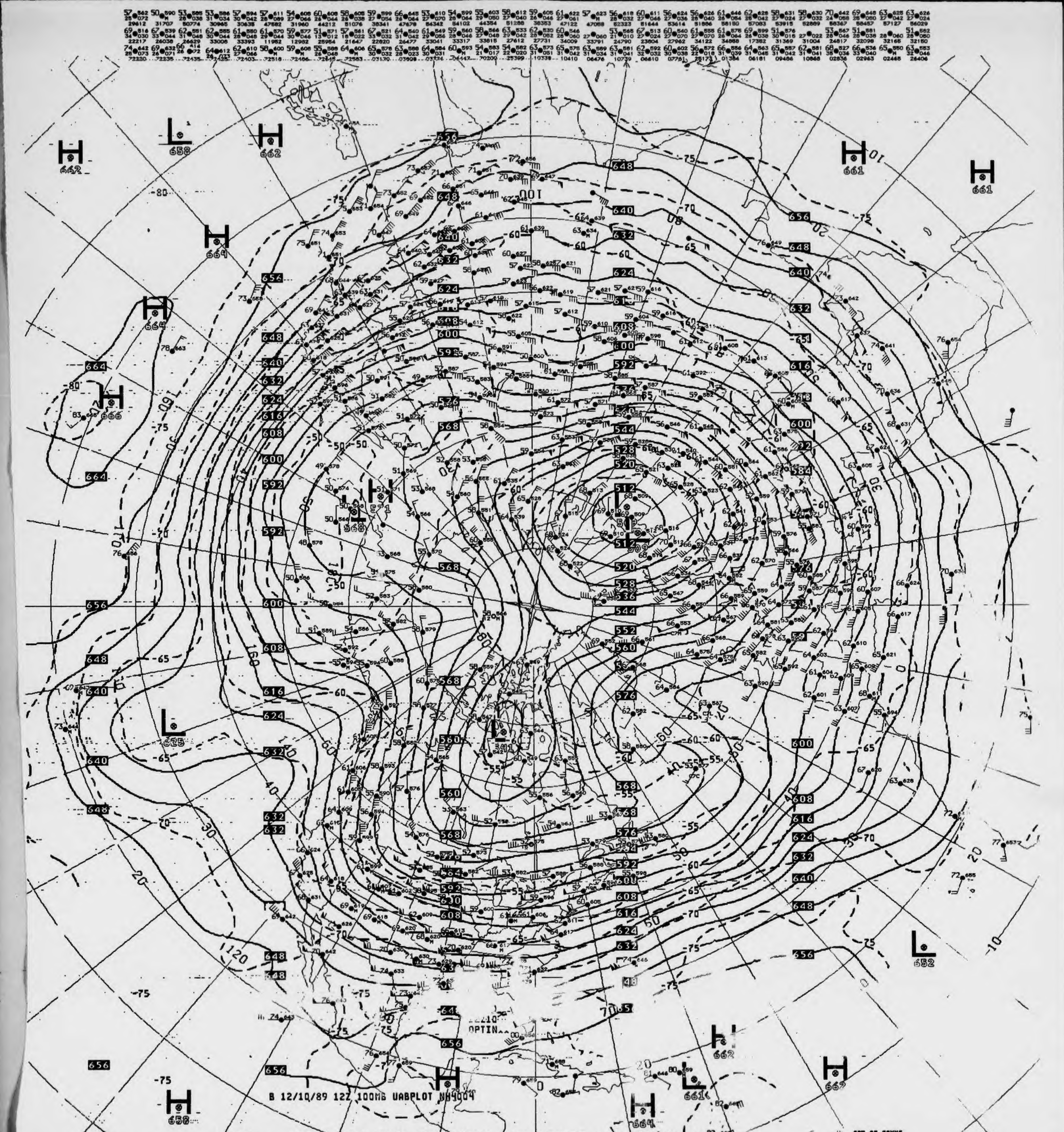
V422 .. 10 MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 7 DEC 89


H 660
H 662
H 659
H 659
L 657
L 657
H 660
H 664
H 665
H 665
H 660
H 659
L 657
H 663
H 663
L
656
648
640
632
624
616
608
600
592
584
568
560
520
-80
-75
-70
-65
-60
-55
-50
10
20
30
120
160
180
80
12Z 8
OPTIN
B 12/08/89 12Z 100MB UABPLOT

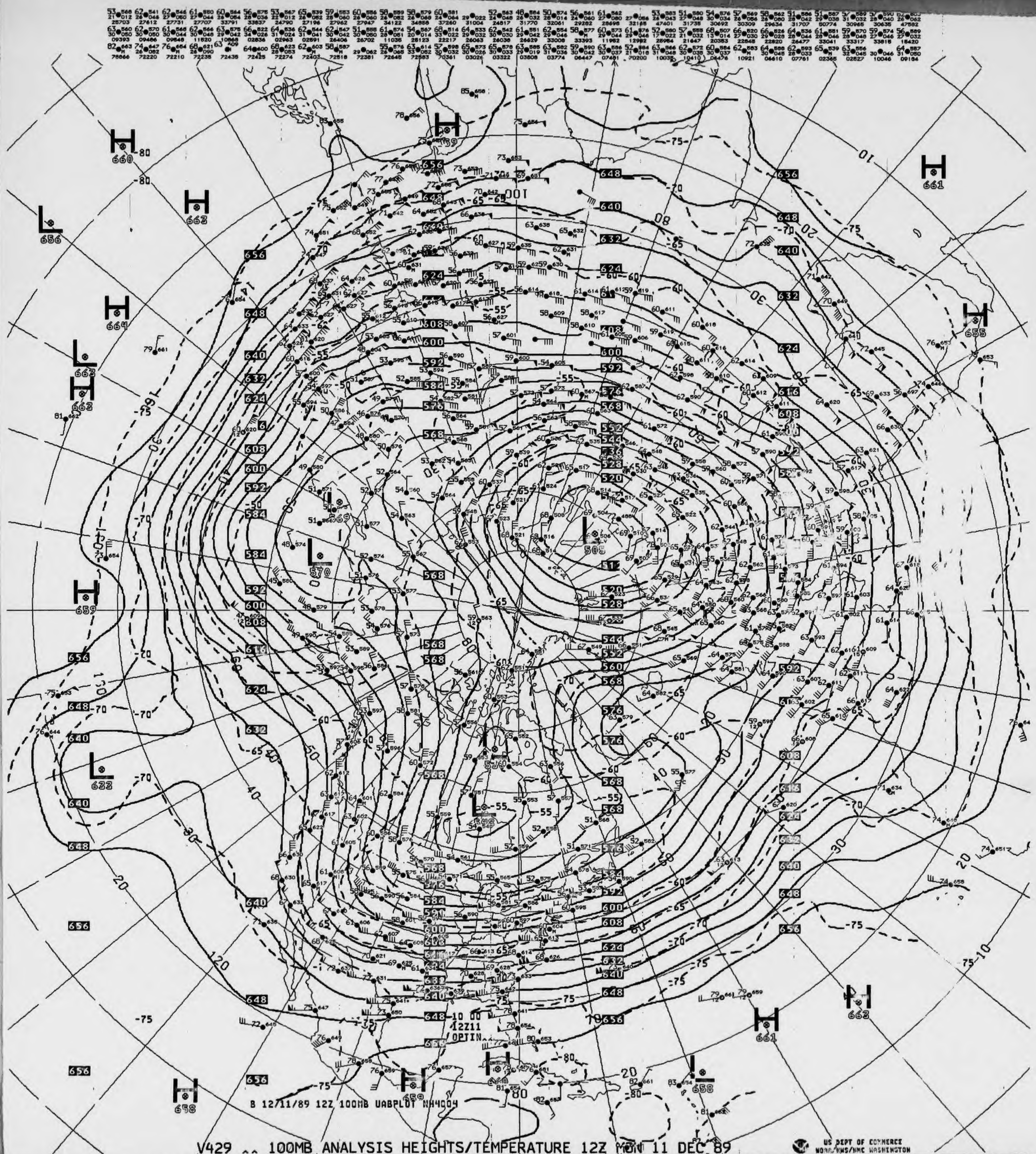
V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 8 DEC


B 12/09/89 12Z 100MB UABPLOT NHY004
H 661
H 659
H 663
H 666
H 660
L 658
L
OPTIN^^

V429 ^^ 100MB ANALYSI HEIGHTS TEMPERATURE 12Z 9 D

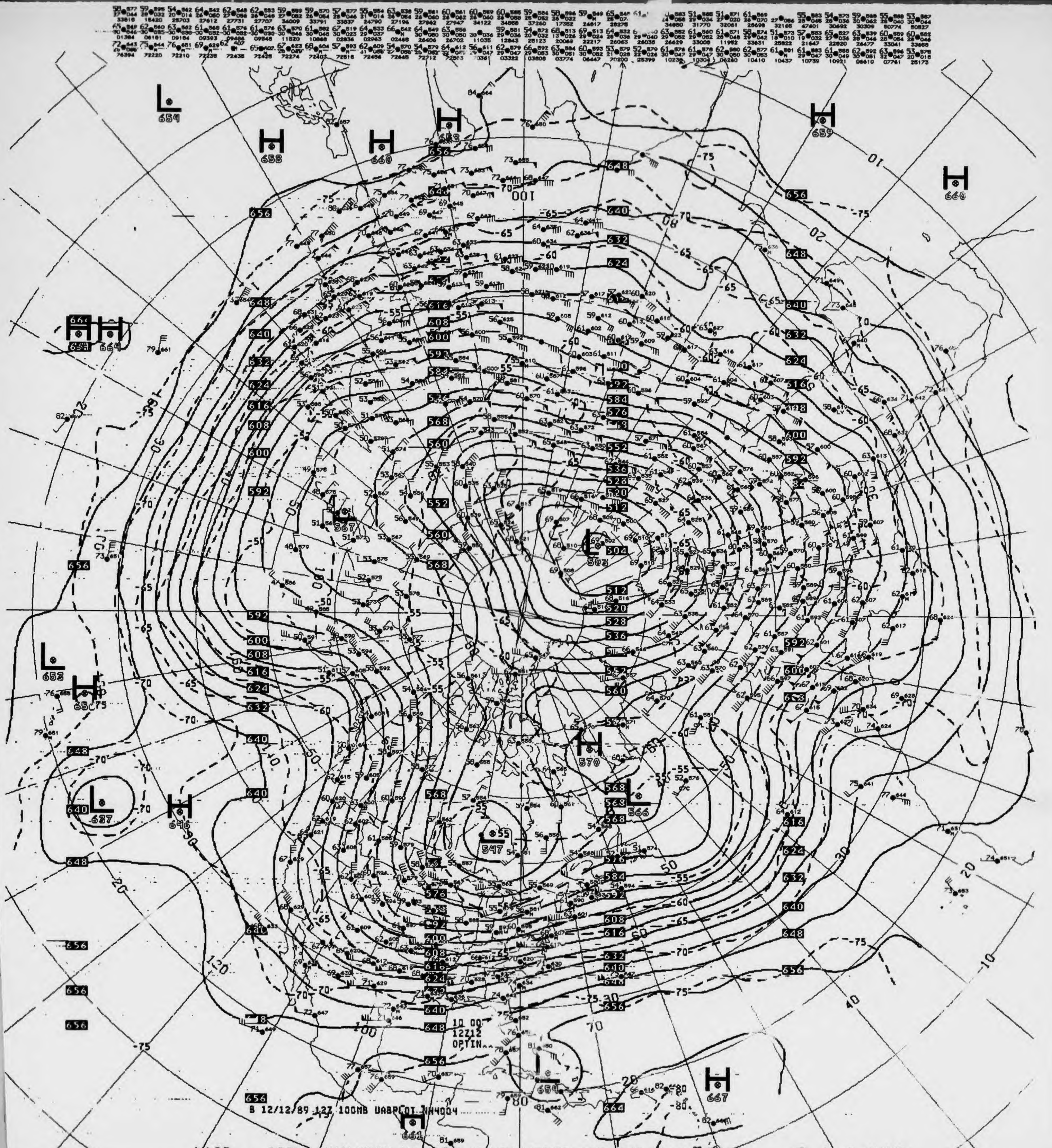

B 12/10/89 12Z 100MB UABPLOT NH4004
U.S. DEPT OF COMM
NWS/NMC

V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 10 DEC 8

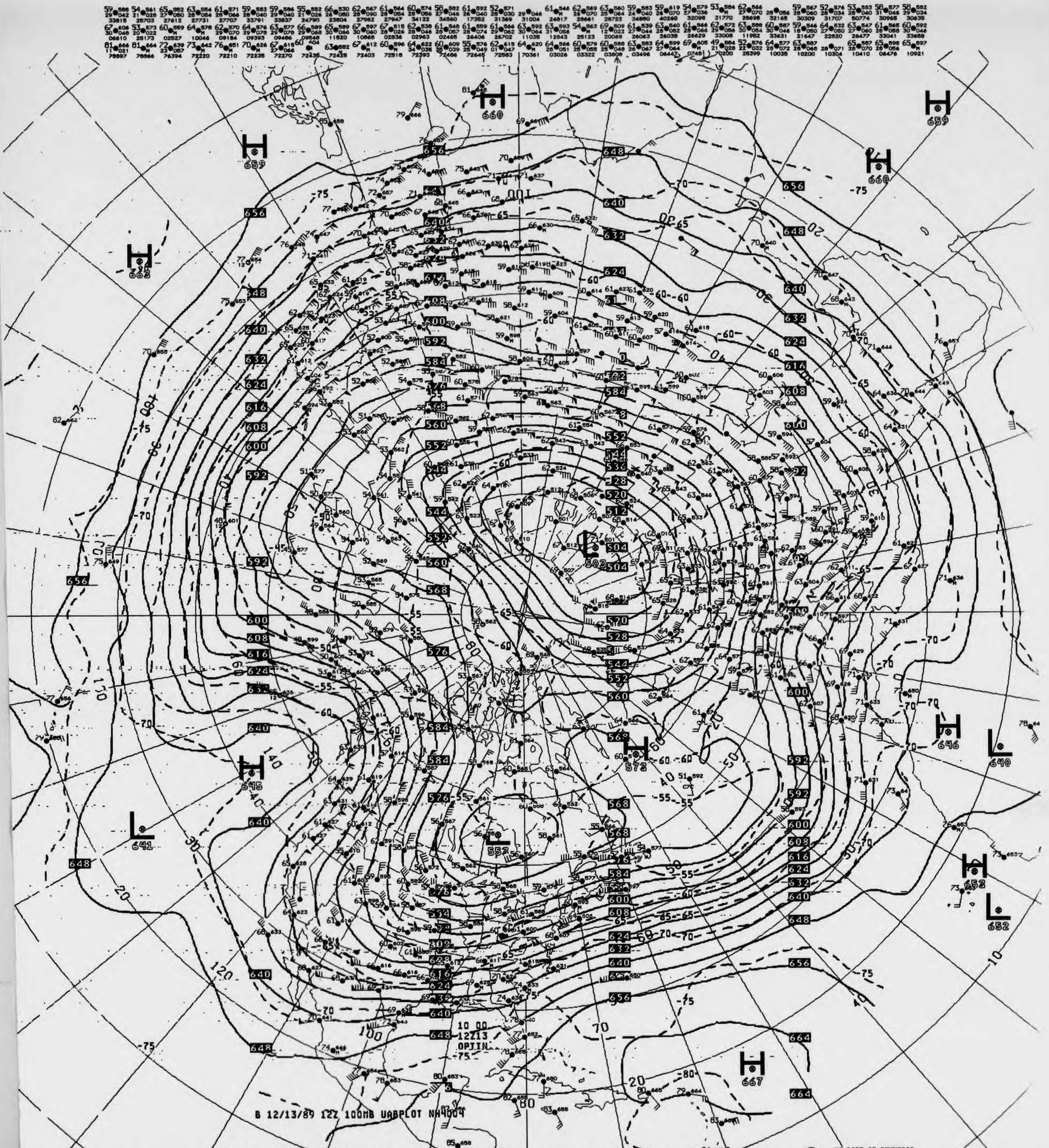

B 12/11/89 12Z 100MB UABPLOT NH4004
10 00
12Z11
OPTIN
H
L
505
570
632
661
663
658
659

V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

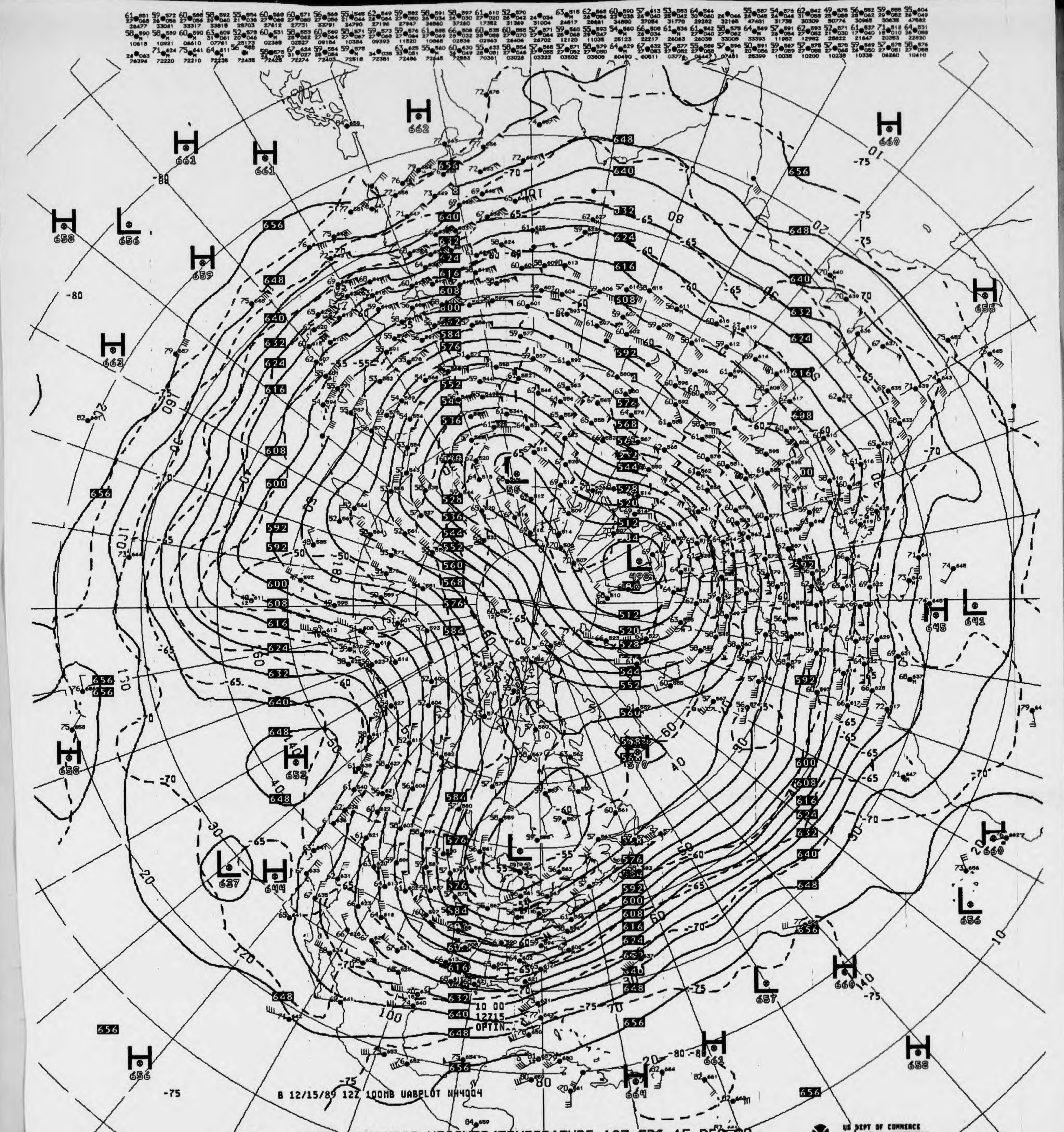

B 12/12/89 12Z 100MB UABPCOT NH4004
10 00
12Z12
OPTIN
L
654
H
658
H
660
H
658
H
659
H
660
L
567
L
502
L
652
H
654
L
627
H
646
H
570
L
566
L
547
L
654
H
667
H
661

V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 12 DEC 89


B 12/13/89 12Z 100MB UAPLOT NH4004
10 00
12Z13
OPTIN
H 660
H 659
H 659
H 660
H 663
L 502
H 573
L 553
H 645
L 641
H 646
L 640
H 652
L 652
H 667

V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 13 DEC 89

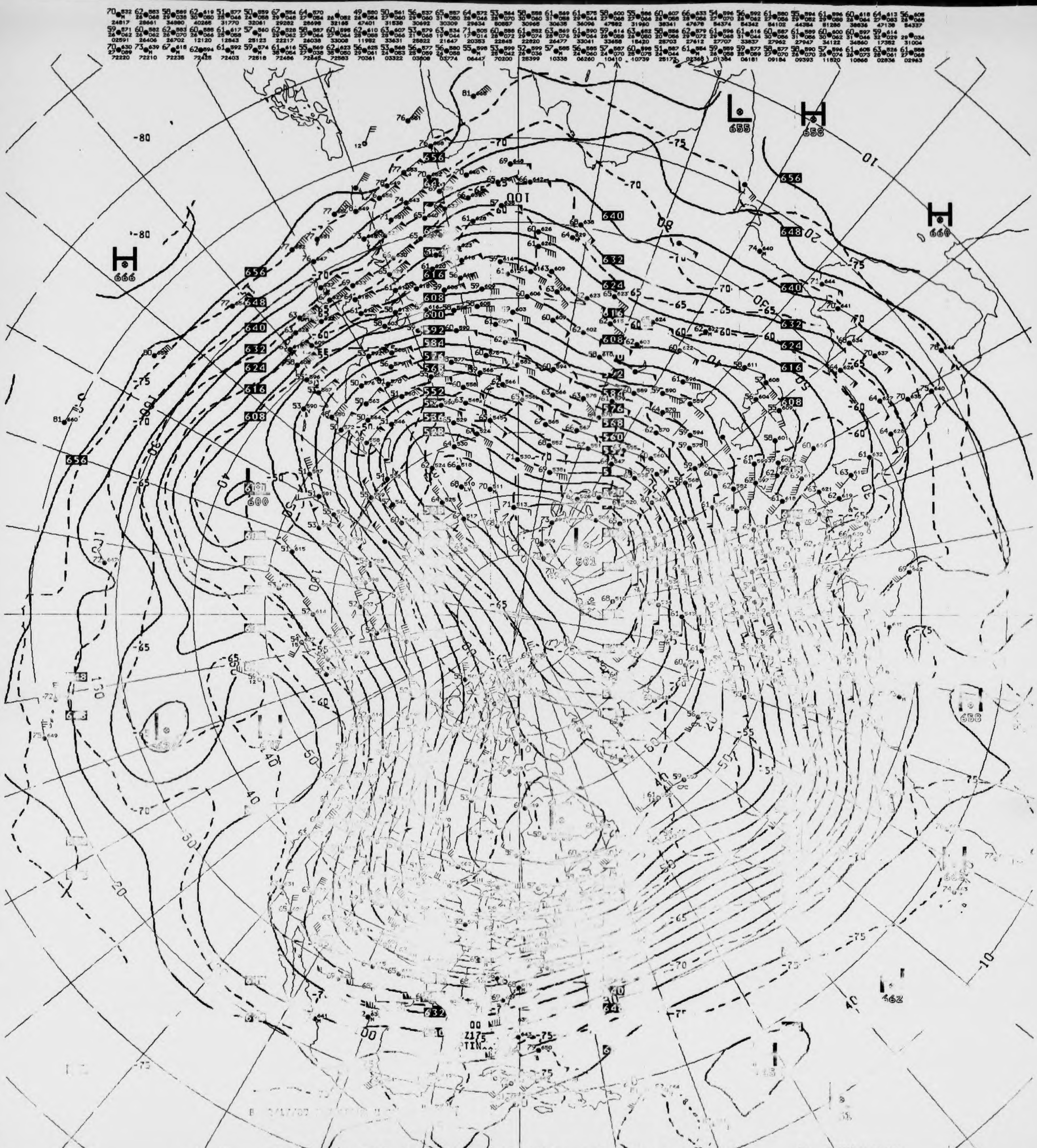
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/15/89 12Z 100MB UABPLOT NH4004
10 00
12715
OPTIN
H 662
H 661
H 661
H 660
H 658
L 656
H 659
H 662
H 655
L 498
H 645
L 641
H 658
H 652
L 637
H 644
L
H 660
L 656
L 657
H 660
H 661
H 664
H 658
H 656

V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 15 DEC 89

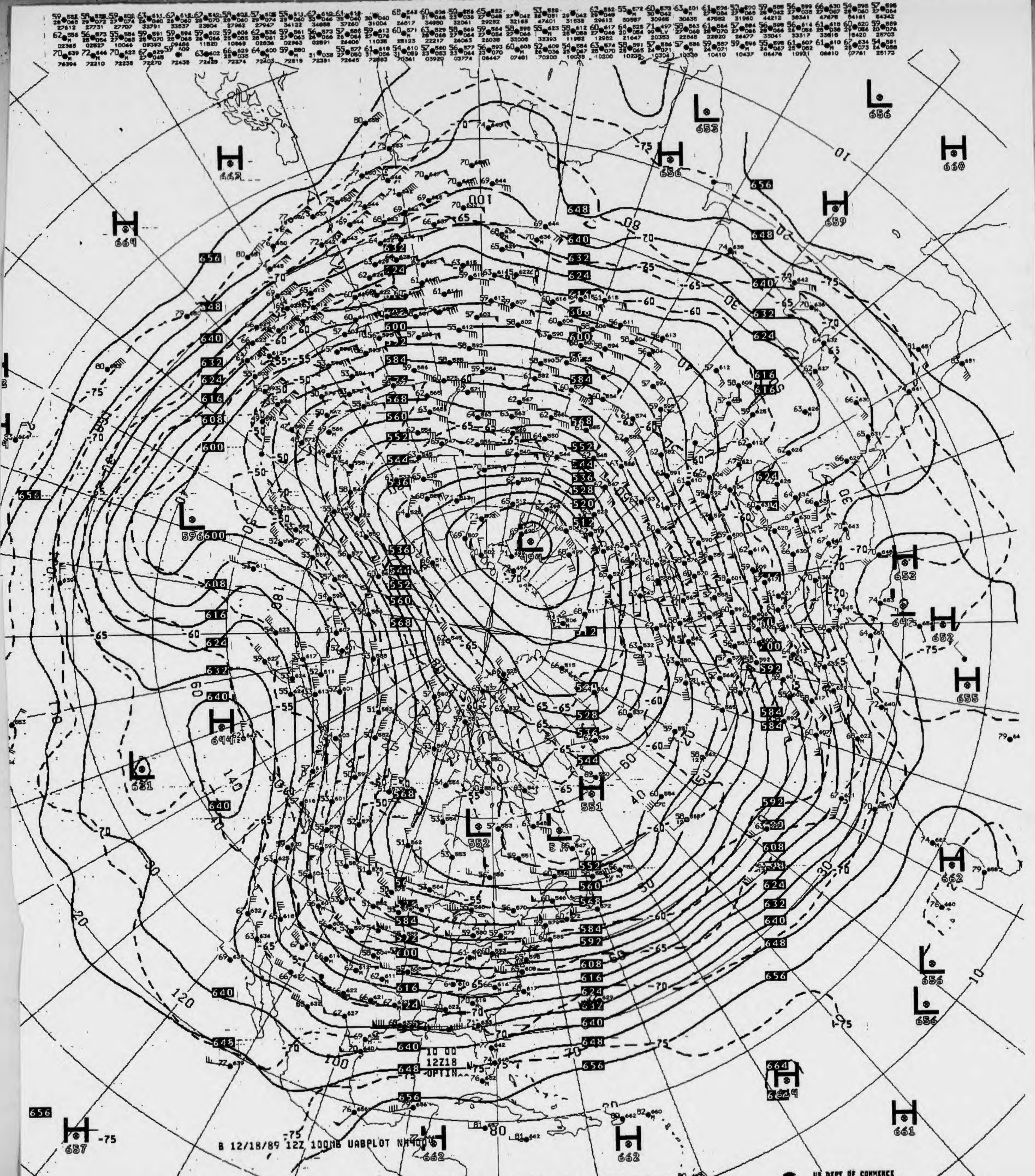
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



H
666
L
655
H
658
H
660
-80
-75
-70
-65
-60
-55
-50
100
10
20
30
40
50
656
648
640
632
624
616
608
600
592
584
576
568
560
552
544
536
528

V429 .. 100MB ANALYSIS HEIGH S/TEMPERATURE 12Z UN 17 DEC 89

US DEPT OF CO
NOAA NWS/NMC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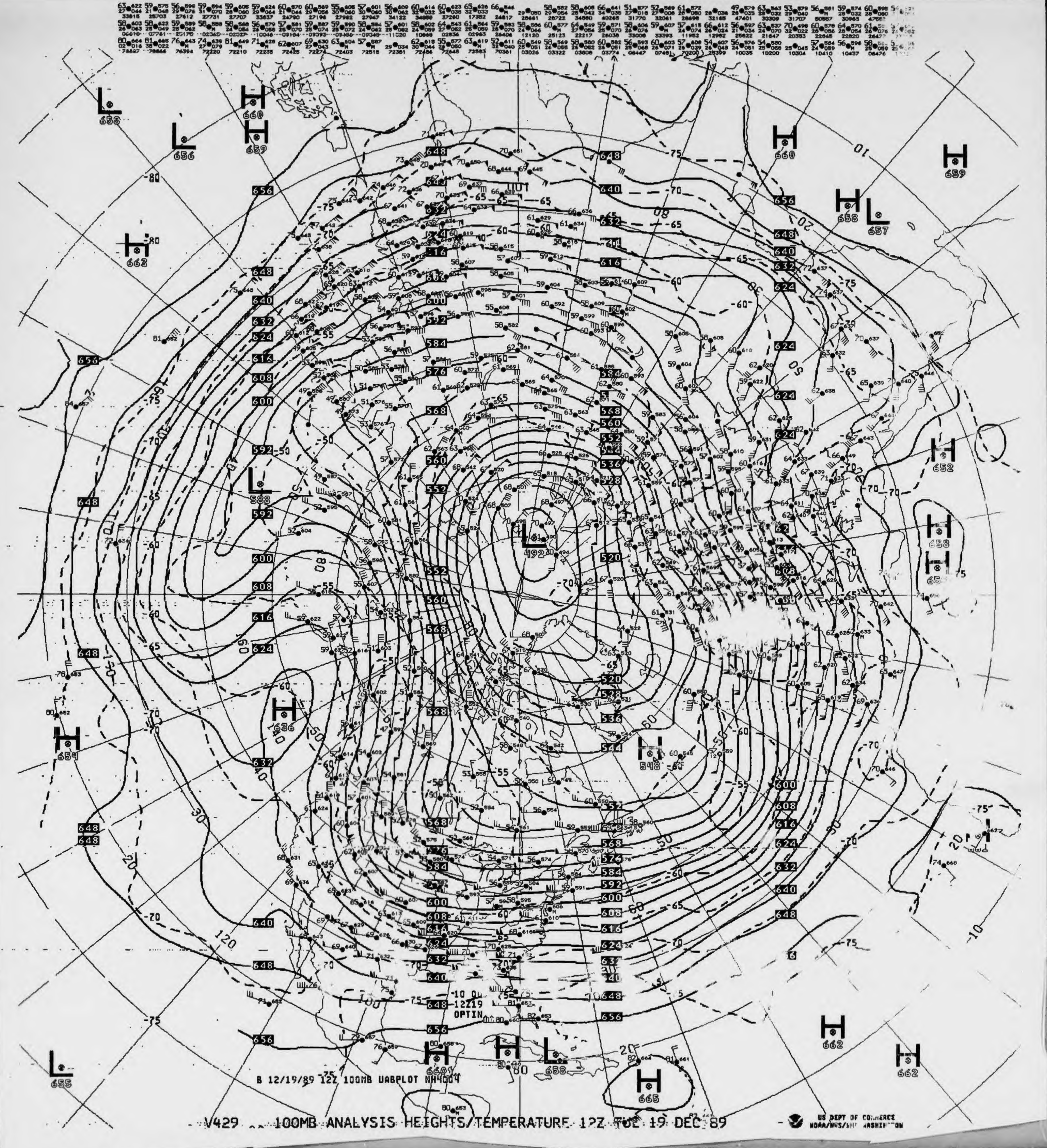
10 00
12Z18
OPTIN

--V429 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 18 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

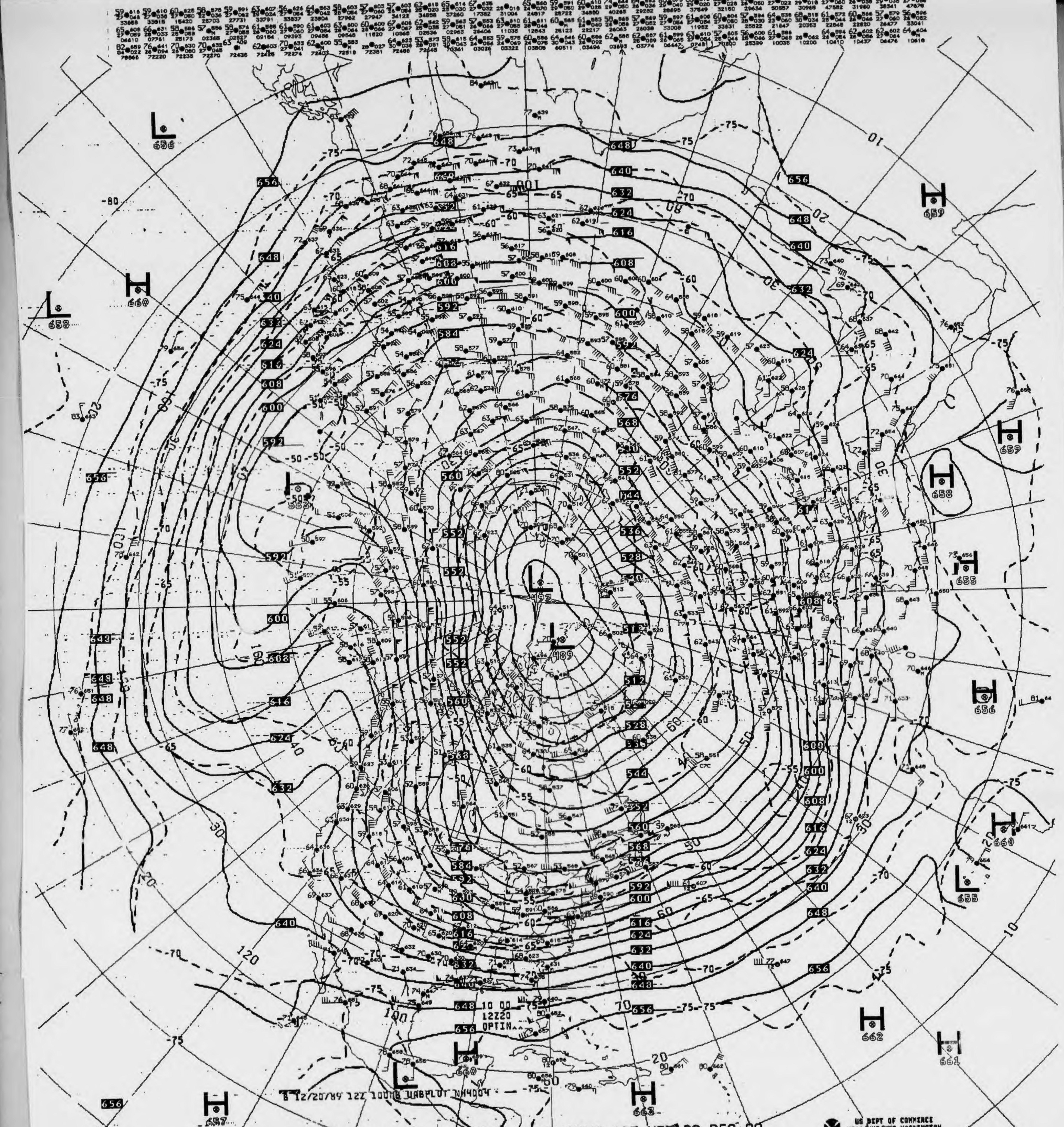


L 658
H 660
L 656
H 659
H 662
L 588
H 636
H 654
L 492
H 548
H 660
H 659
H 658
L 657
H 652
H 658
L 655
H 660
H
L 658
H 665
H 662
H 662
10 OU
12Z19
OPTIN

B 12/19/89 12Z 100MB UABPLOT NH4004

V429 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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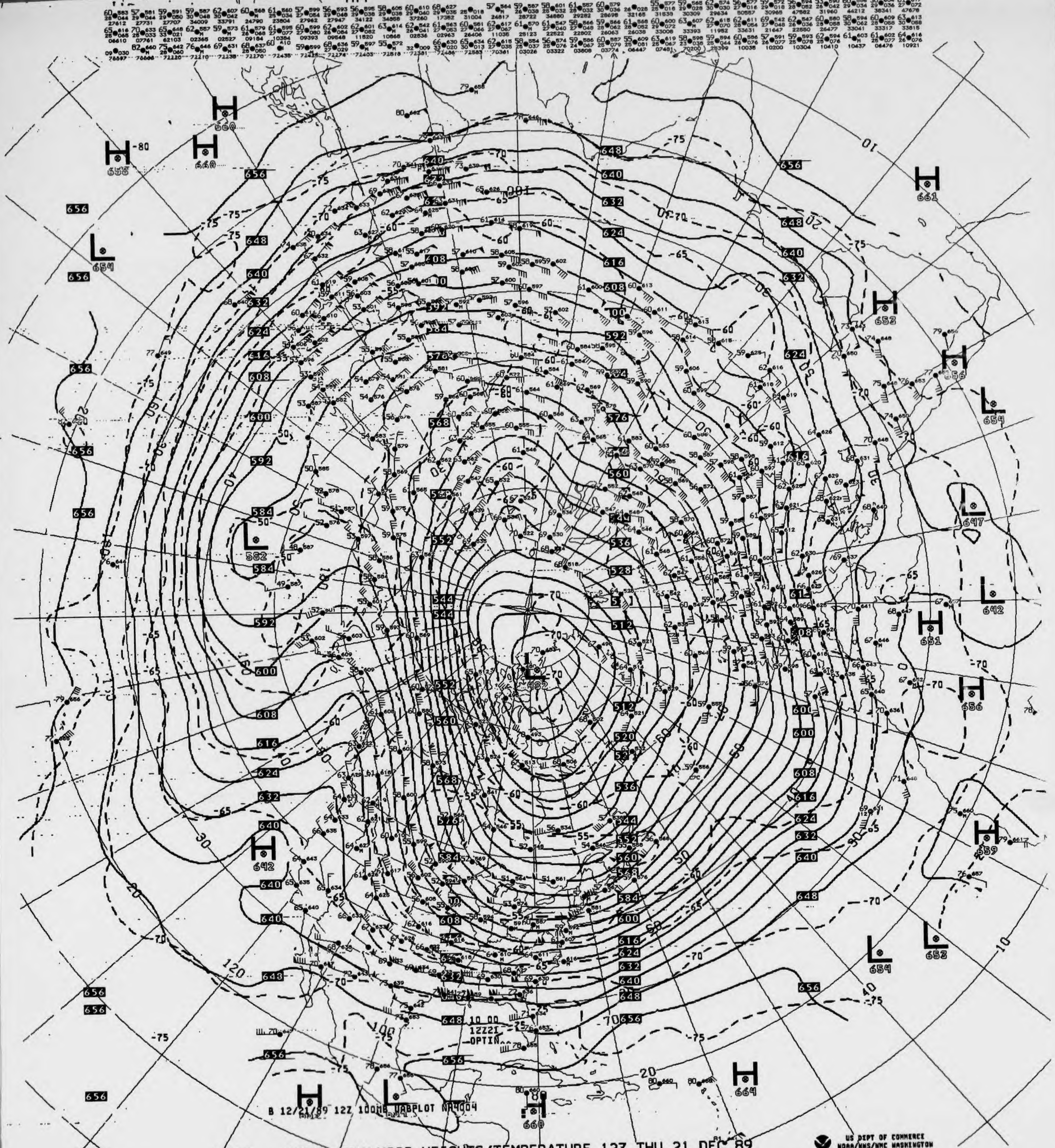
10 00
12Z20
OPTIN
L 656
H 660
L 658
L 583
L 492
L 489
H 659
H 659
H 658
H 655
H 656
H 660
L 655
H 662
H 661
H 660
H 663
H 657
656

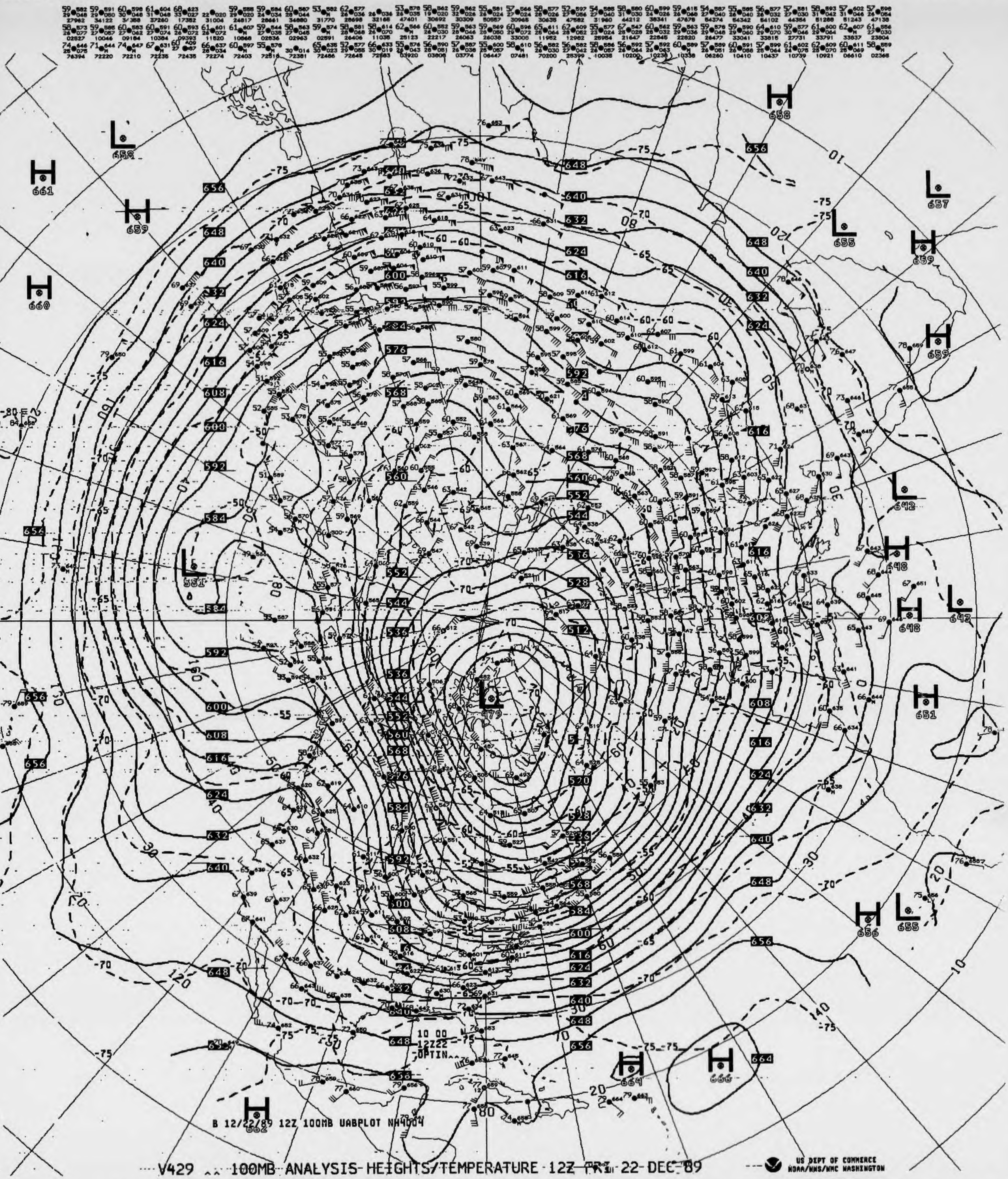
V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/21/89 12Z 100MB UABPLOT NA4004
10 00
12Z21
OPTIN
H 660
H 655
H 660
H 661
H 652
H 656
L 654
L 647
L 642
H 651
H 656
H 659
L 654
L 652
H 664
H 660
H 642
L 582
L 482

V429 ... 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 21 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/22/89 12Z 100MB UABPLOT NH4004
10 00
12Z22
OPTIN
L 479
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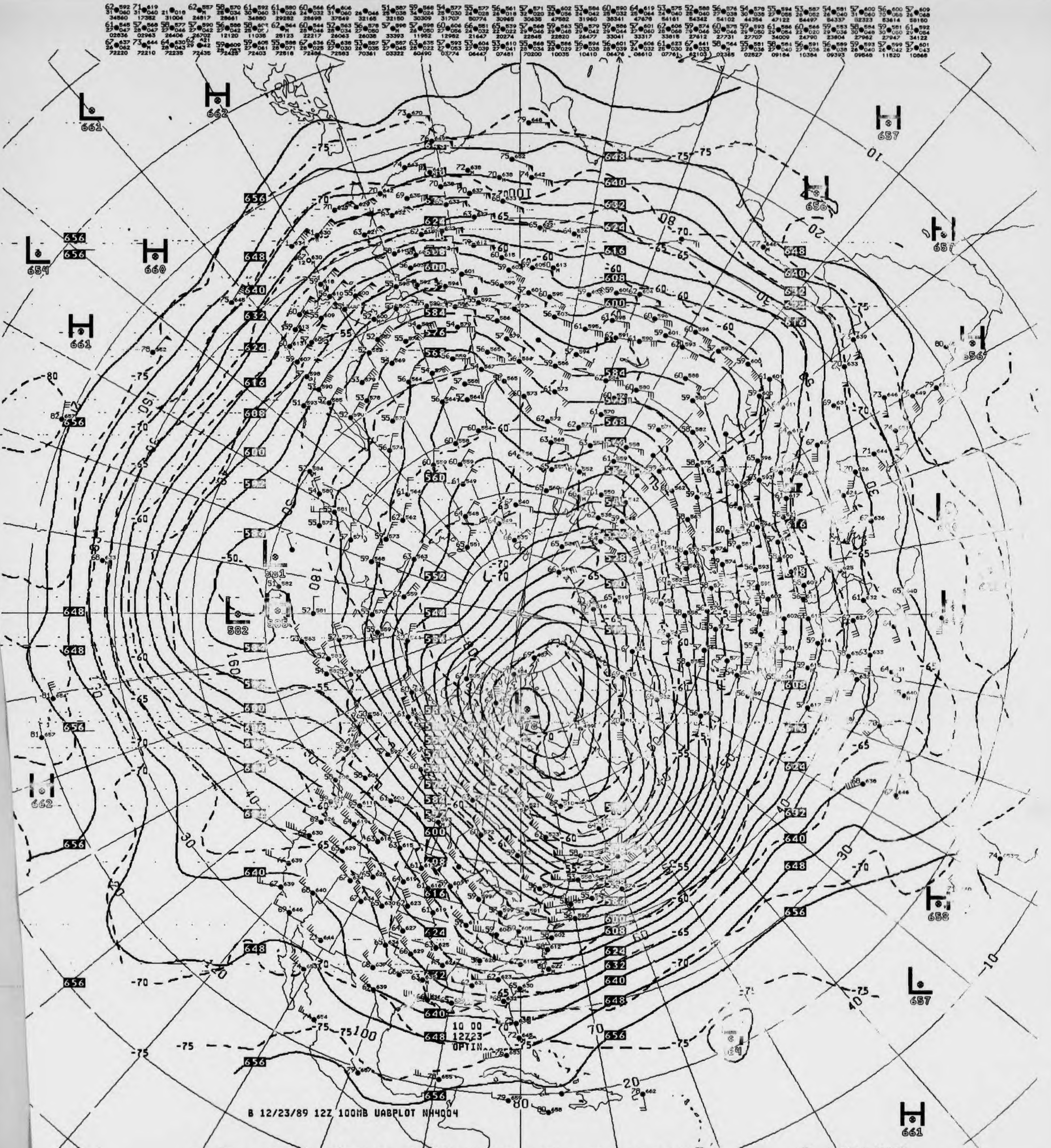
H 664
L 581

V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 22 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/23/89 12Z 100MB UABPLOT NH4004
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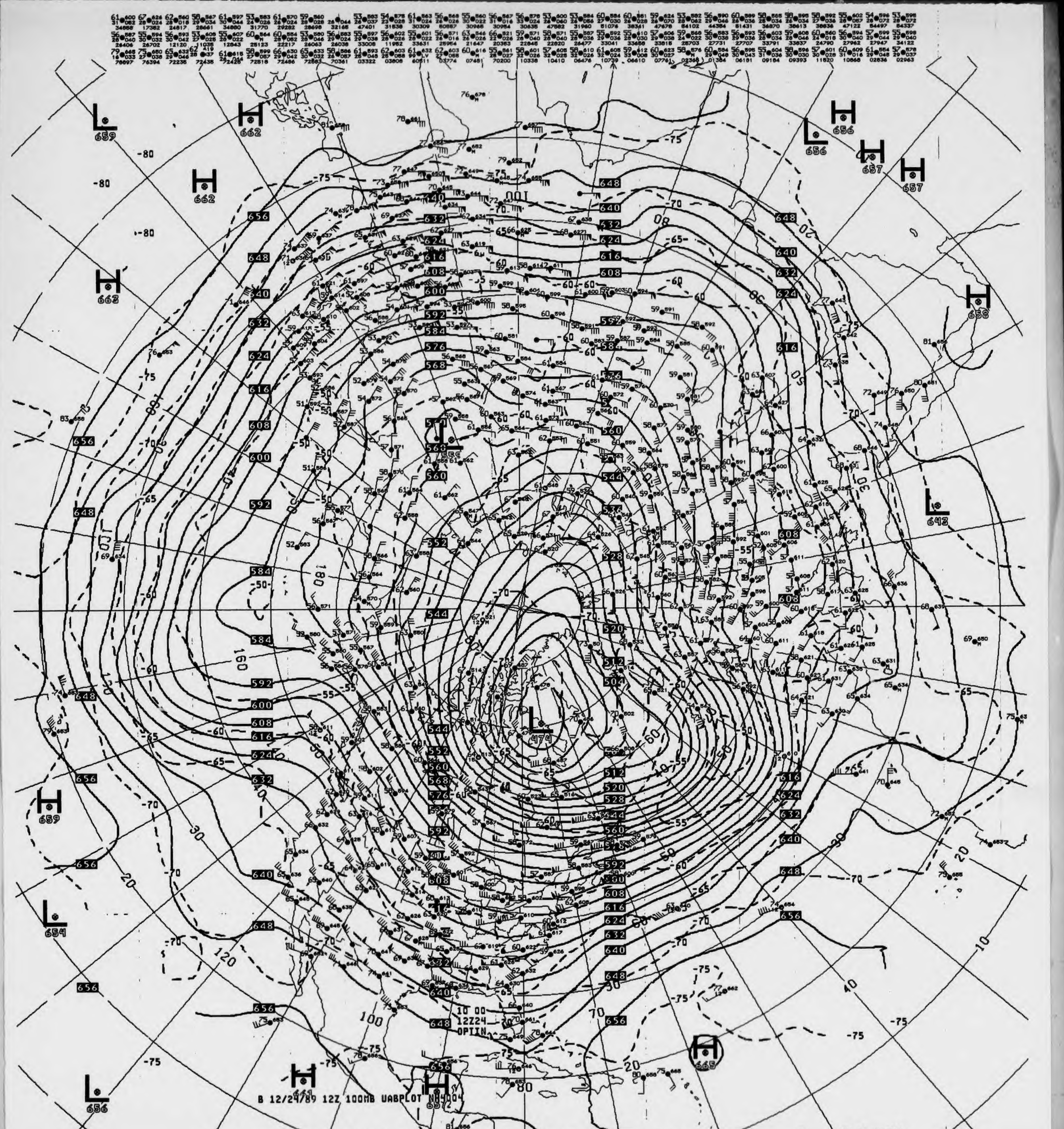
OPTIN

V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/24/89 12Z 100MB UABPLOT N4004
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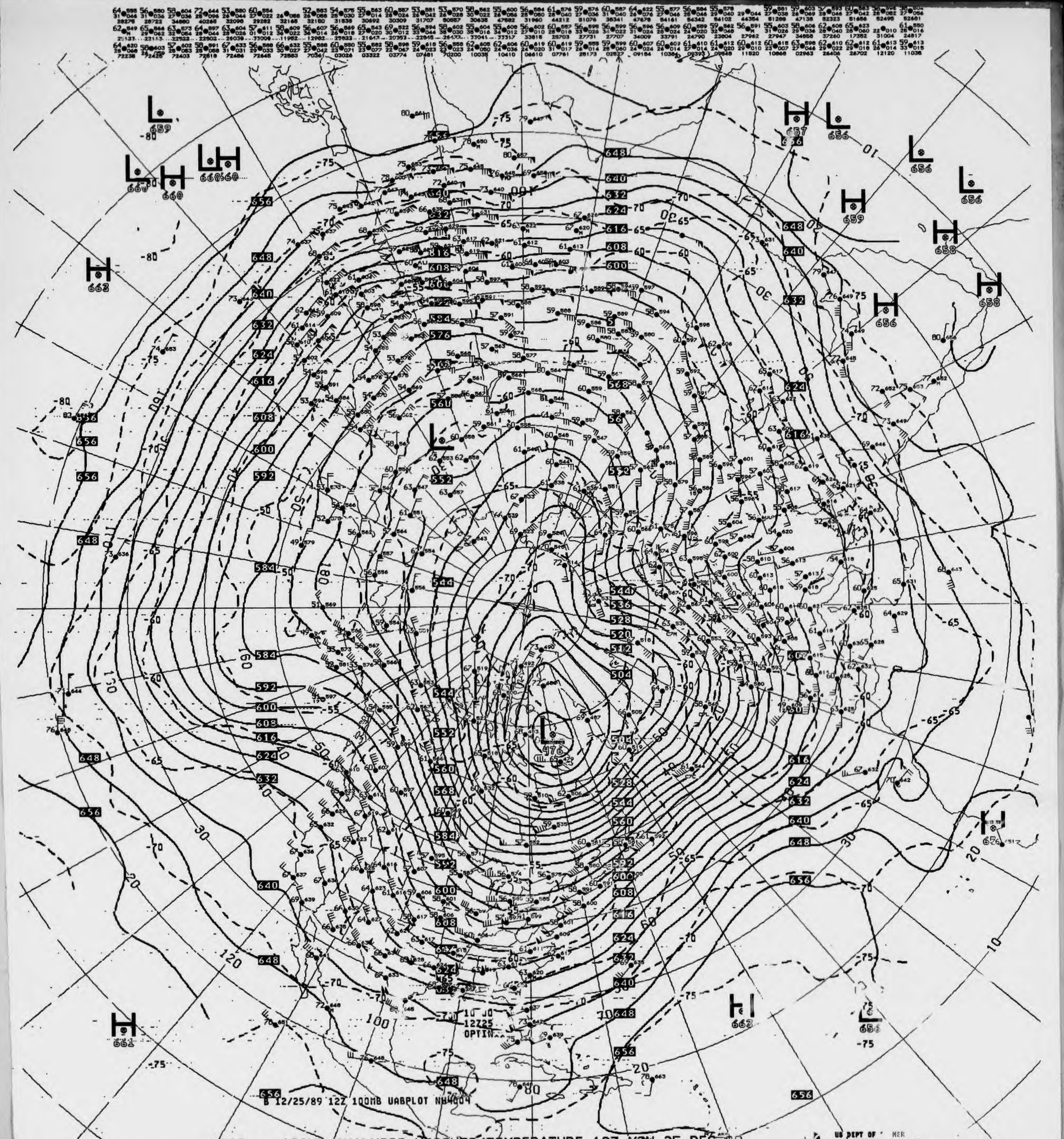
12Z24
OPTIN

V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 24 DEC 89

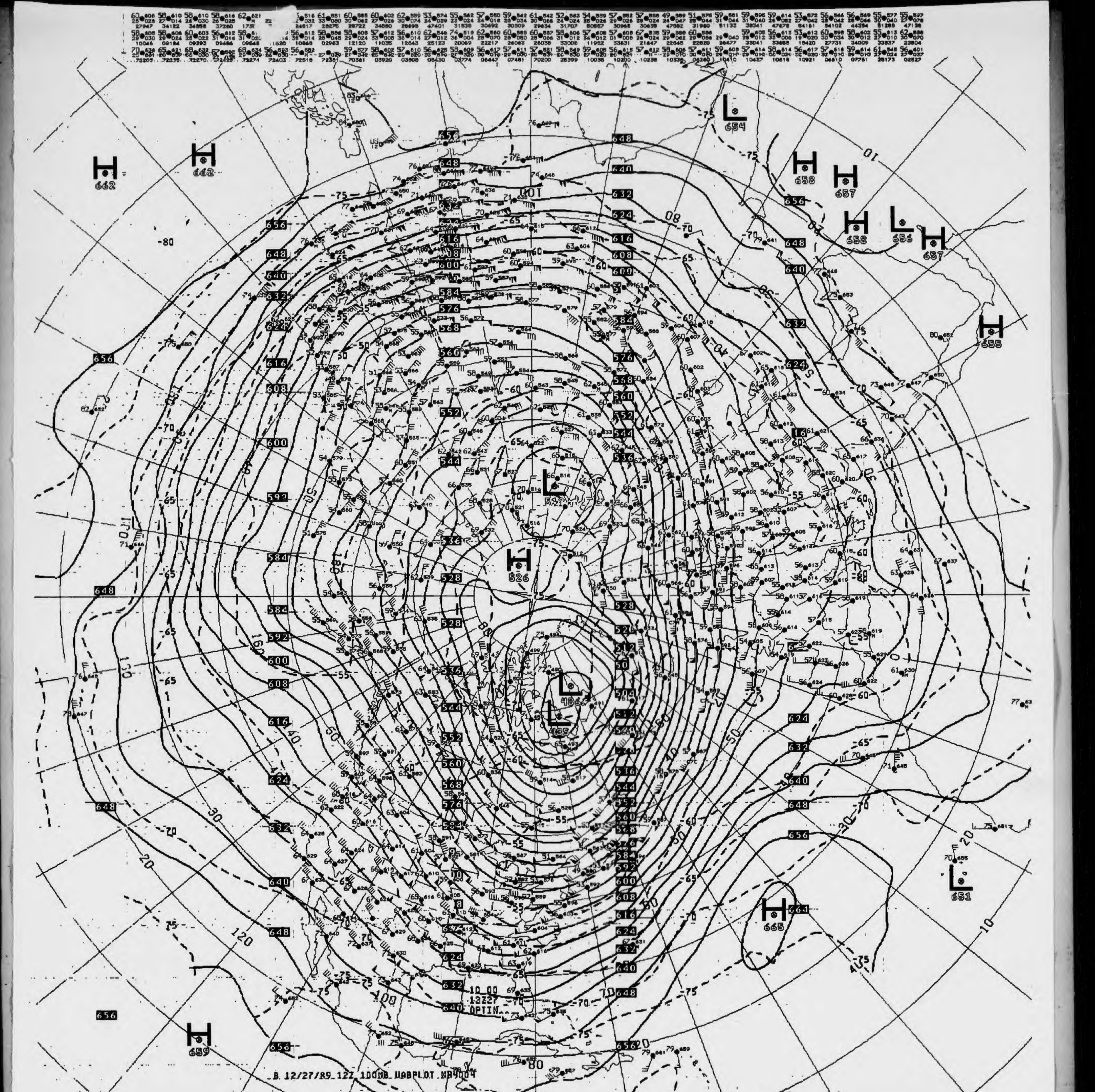
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/25/89 12Z 100MB UABPLOT NH4004
10 00
12Z25
OPTIN...
L 476
H
L

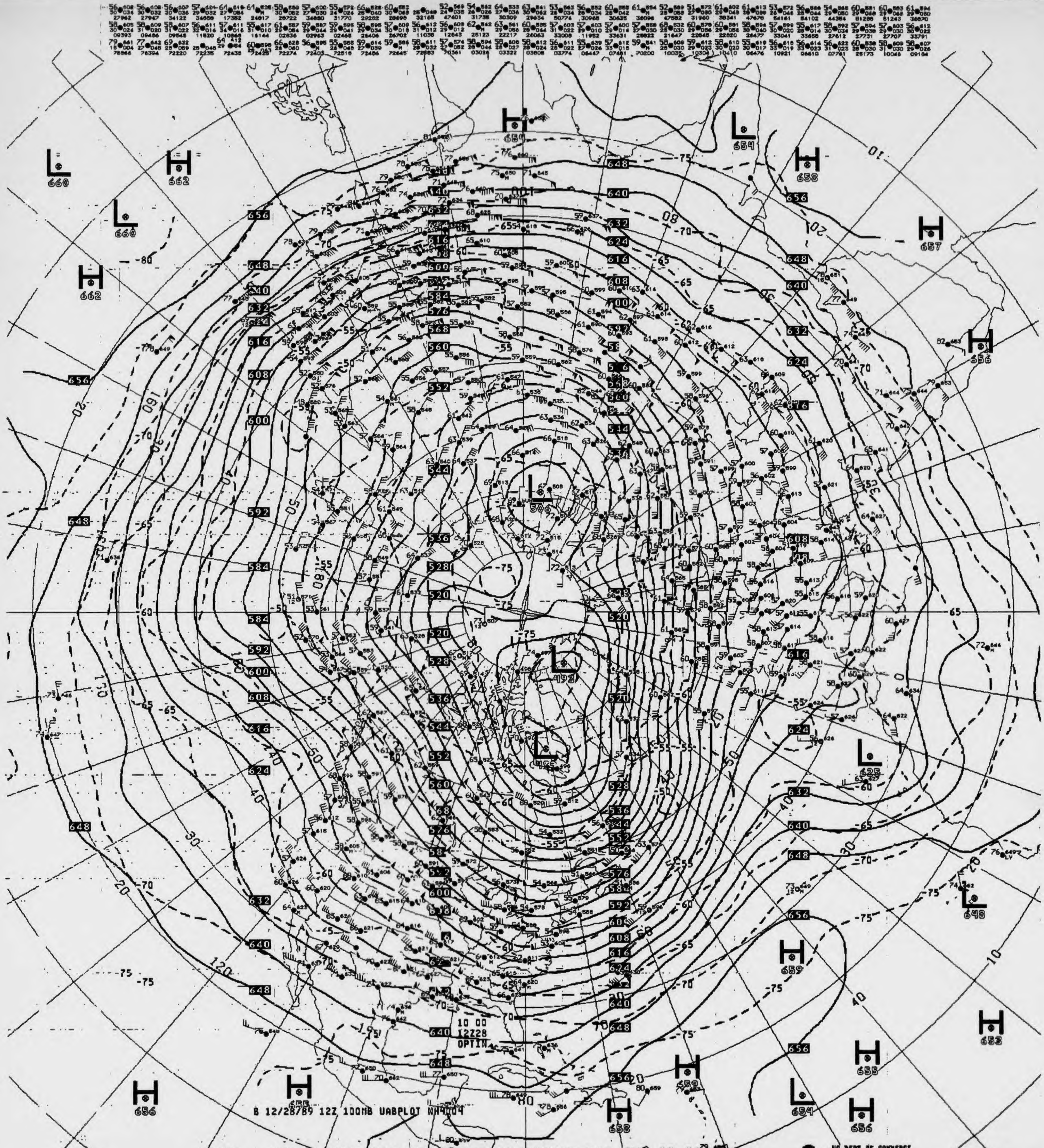
V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 25 DEC 89

US DEPT OF [illegible] MER
NAA/NWS/NMC [illegible]


H 662
H 662
L 654
H 658
H 657
H 658
L 656
H 657
H 655
L
H 526
L 486
L 485
H 665
L 651
H 659
10 00
12Z27
OPTIN^^
B 12/27/89 12Z 100MB UABPLOT NR9004

V429-^^ 100MB-ANALYSIS HEIGHTS/TEMPERATURE 12Z W[illegible] 27 DEC [illegible]

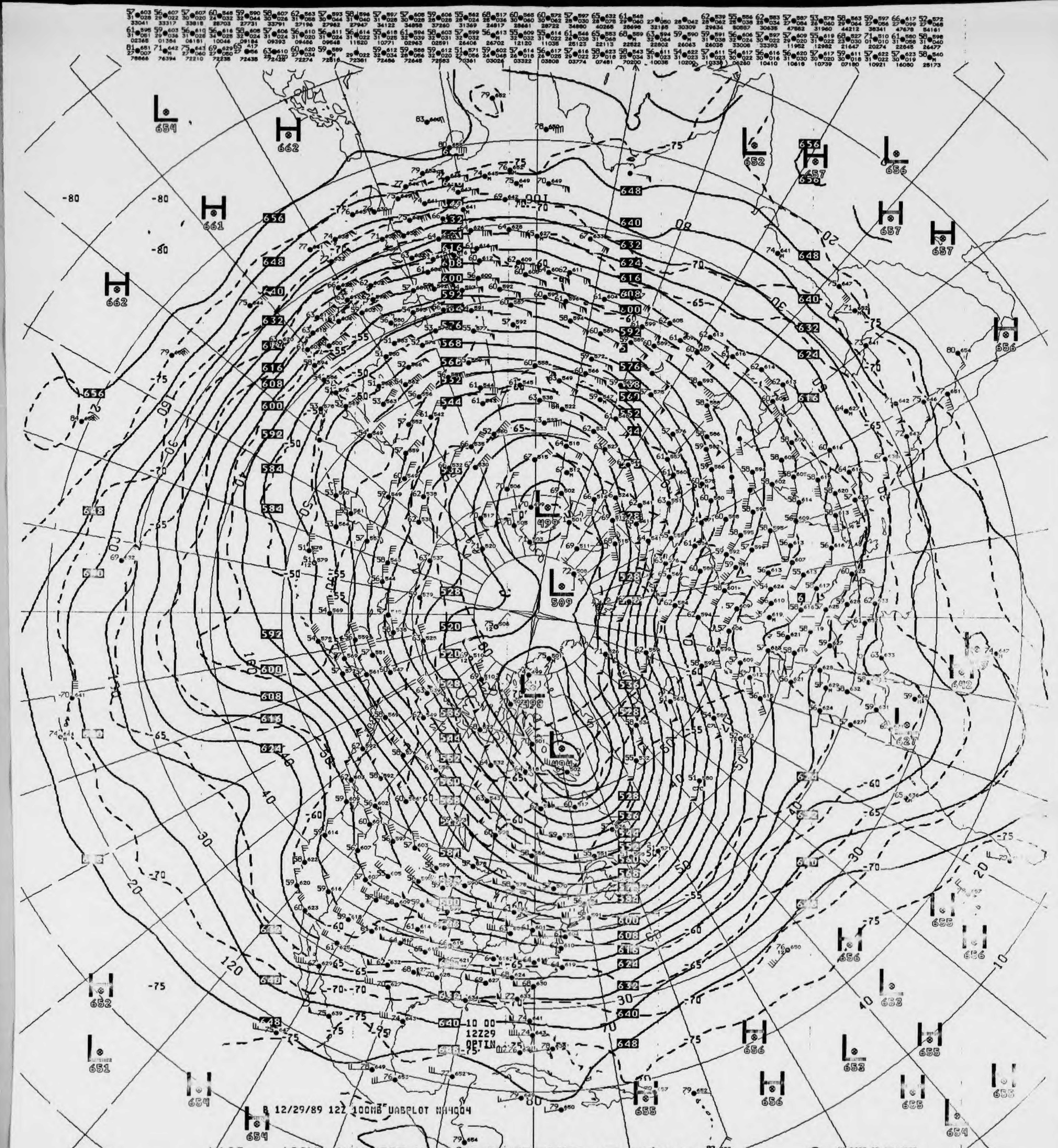
DEPT OF COMMERCE WASHINGTON



10 00
12Z28
OPTIN
B 12/28/89 12Z 100MB UABPLOT NH4004

V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 28 DEC 89

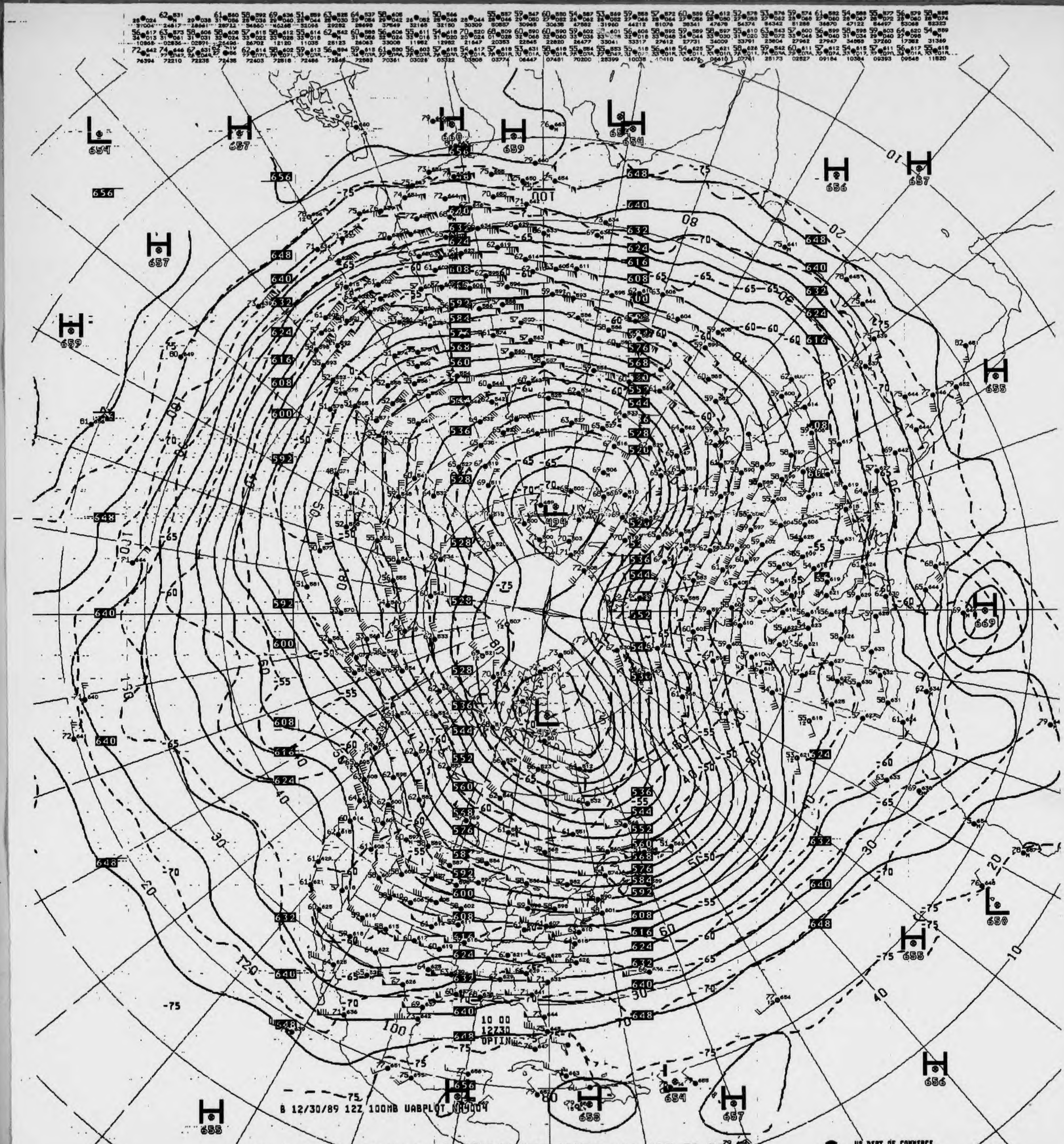
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 654
H 662
H 661
H 662
L 652
H 657
L 656
H 657
H 657
H 656
L 509
L 499
L 496
L 494
L 627
L 642
H 655
H 656
H 656
L 653
H 655
L 653
H 656
H 655
H 655
L 654
H 652
L 651
H 654
H 654
H 655
H 656
10 00
12Z29
OPTIN

B 12/29/89 12Z 100MB UABPLOT NH4004

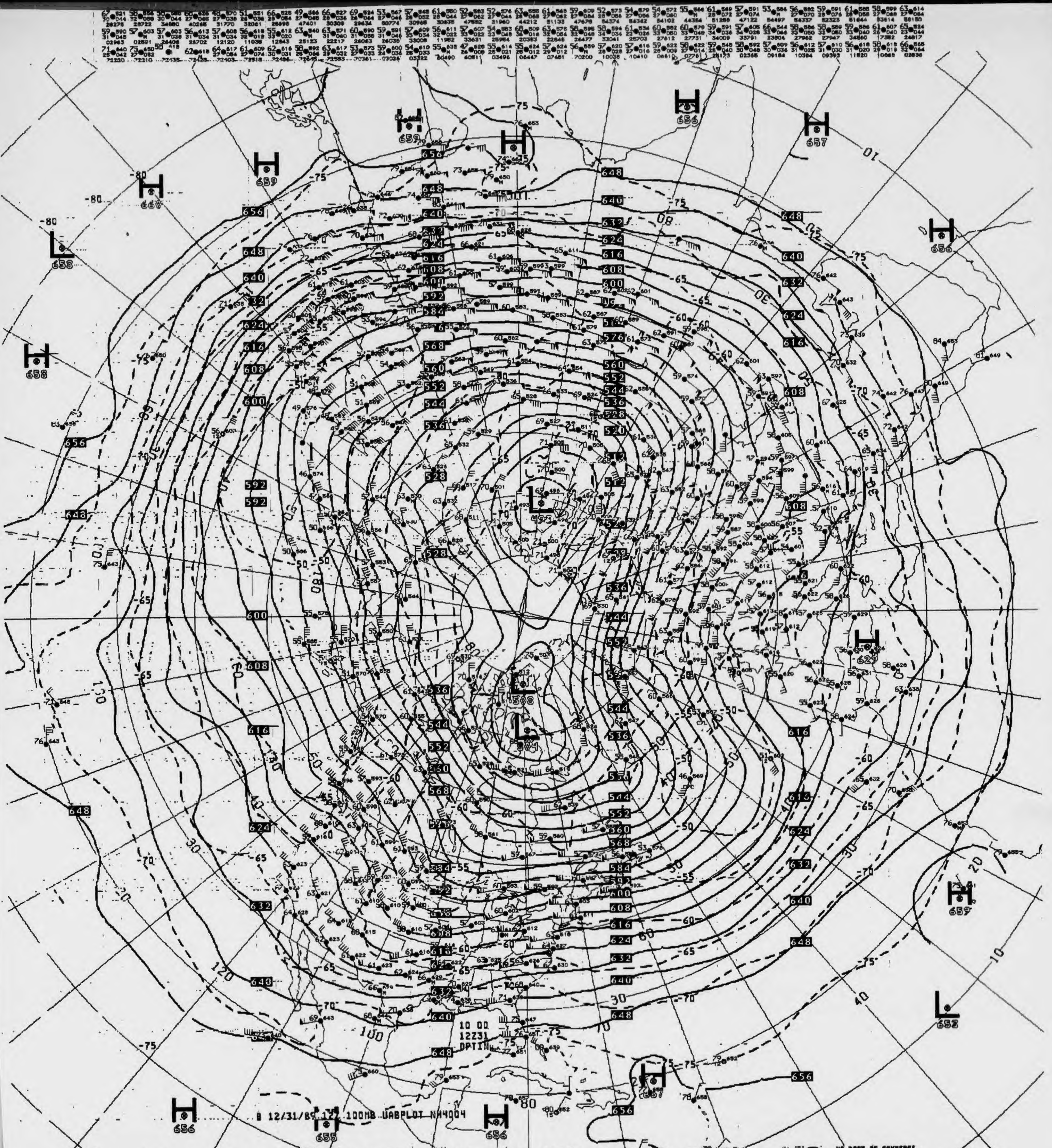
V429 ^^ 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/30/89 12Z 100MB UABPLOT NH4004
10 00
12Z30
OPTIN

V429 .. 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


10 00
12Z31
OPTIN
B 12/31/89 12Z 100MB UABPLOT NH4004

V429 ... 100MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 31 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

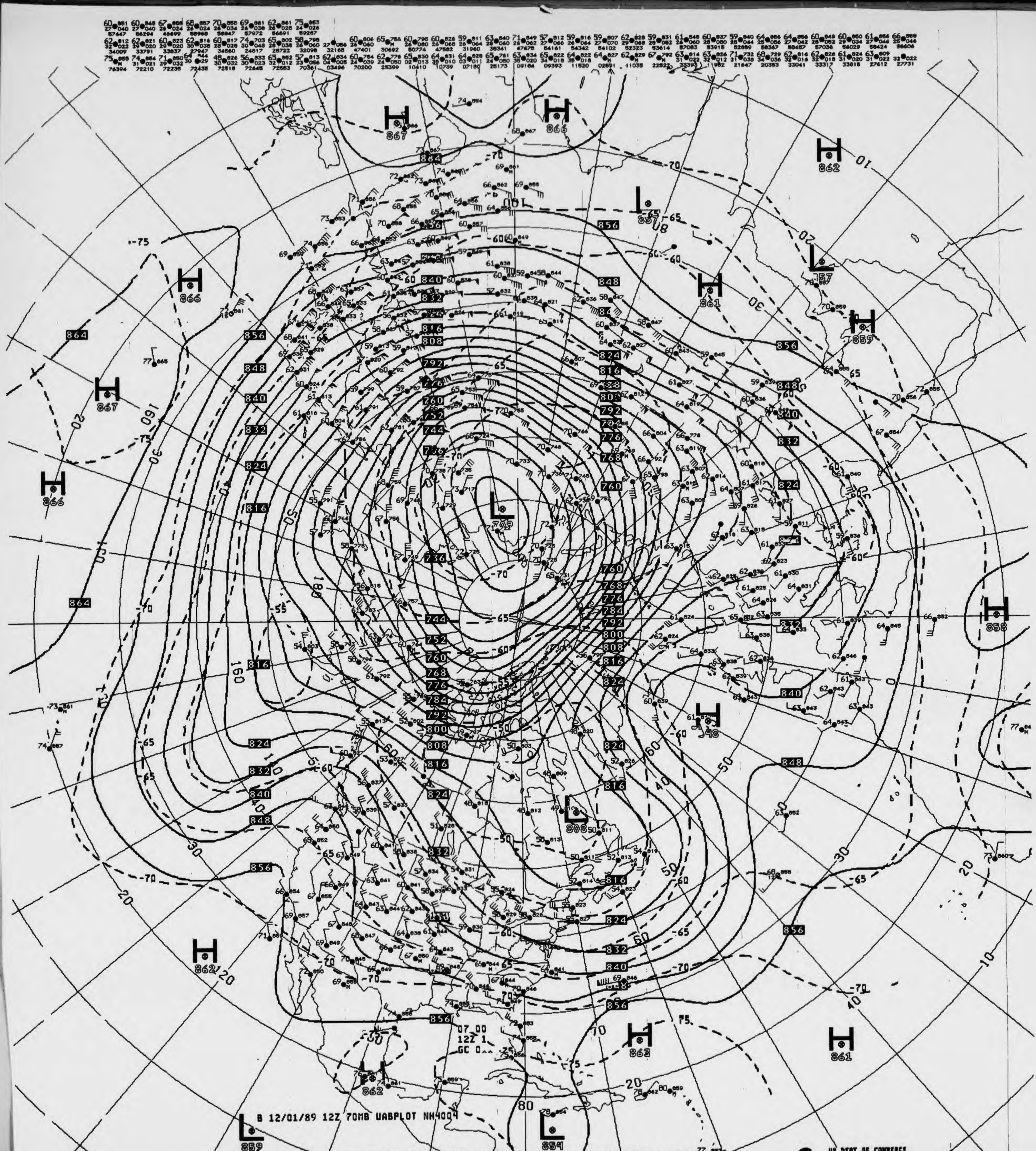
AA Form 48 - 3668
ev. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

70 MB CONSTANT PRESSURE CHARTS

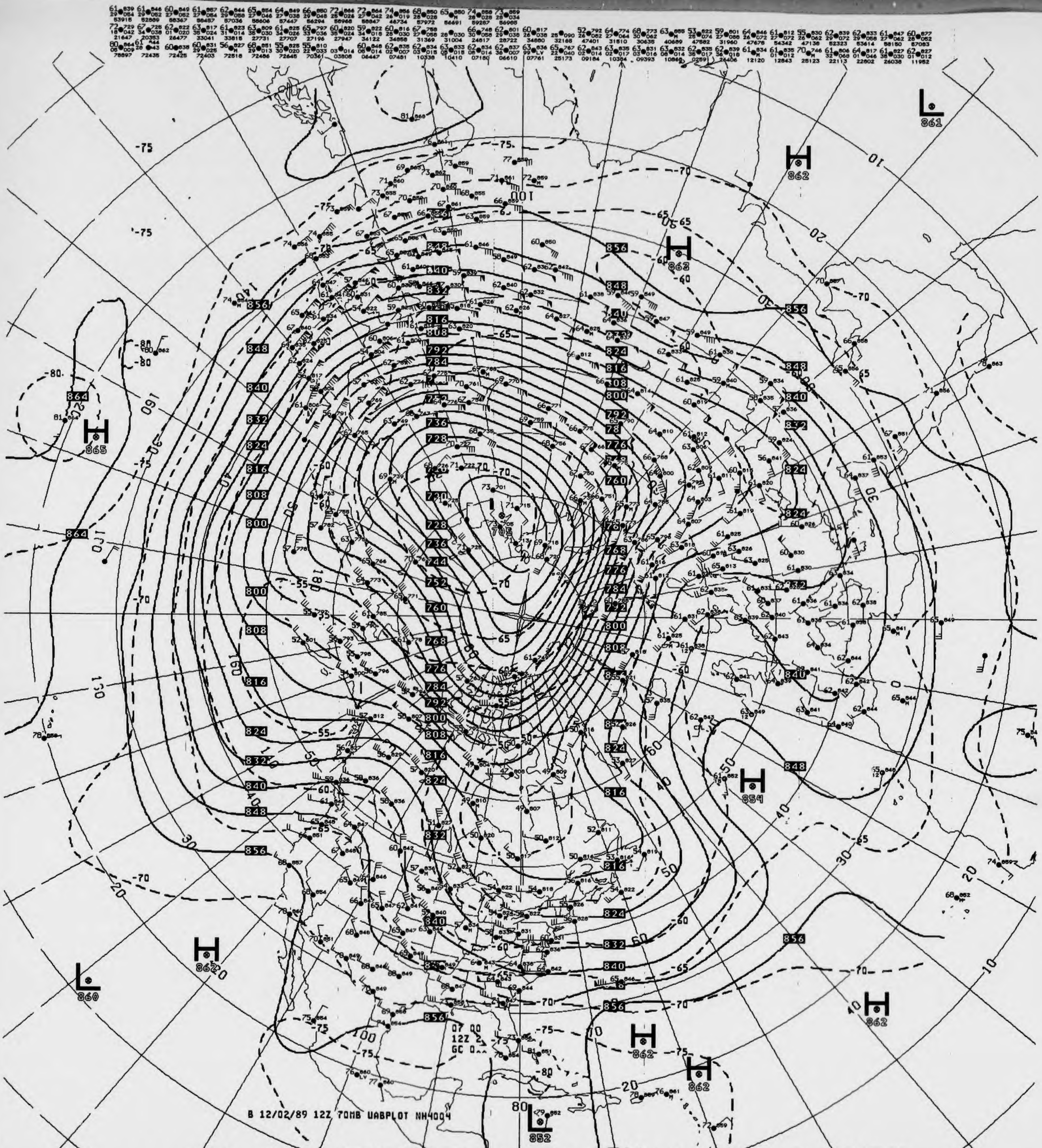
STRATOSPHERIC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING


B 12/01/89 12Z 70MB UABPLOT NH4004
H
L
769
736
744
760
808
816
824
832
840
848
856
864
-70
-65
-60
-75

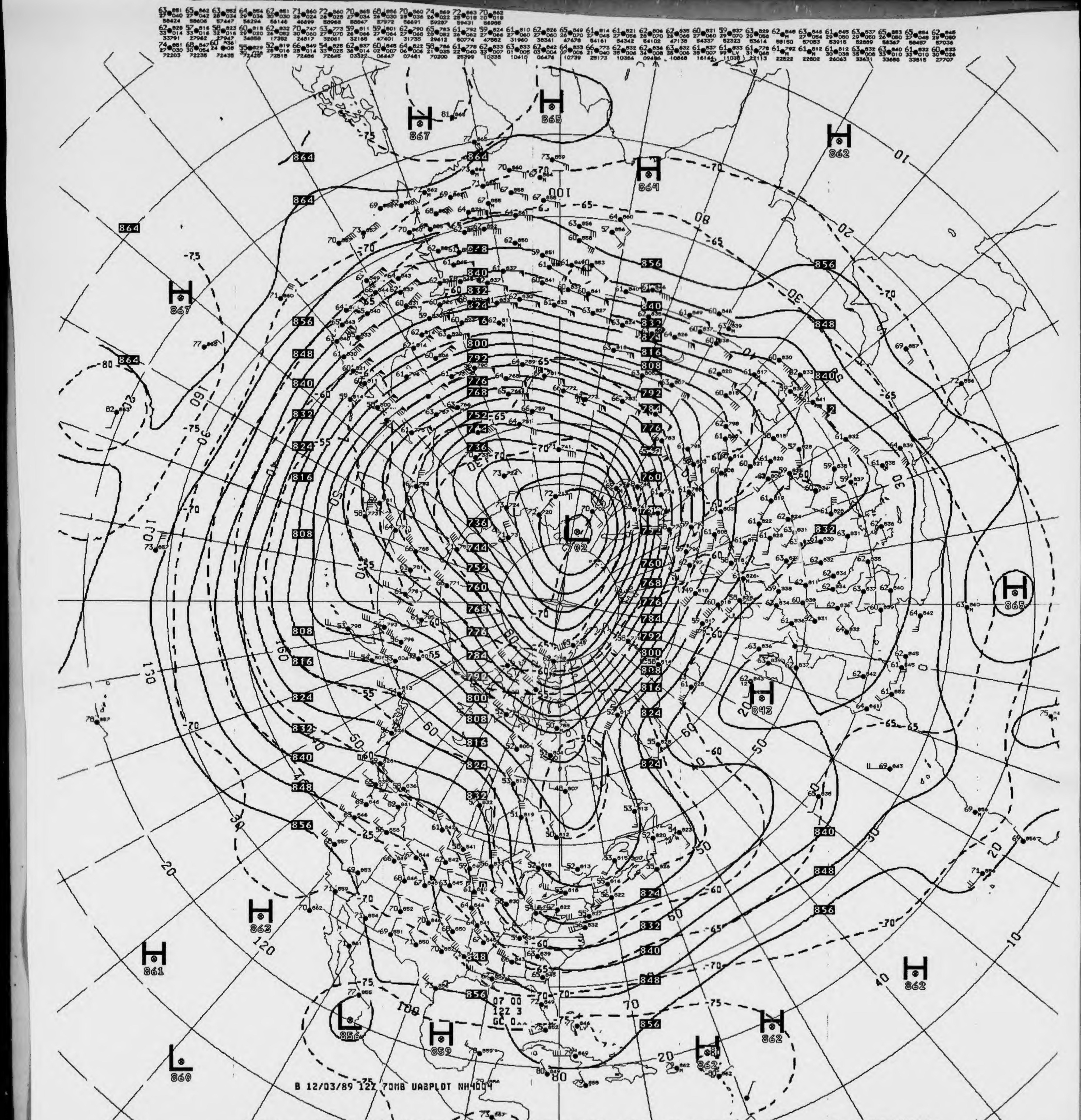
V430 ^^ 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 1 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/02/89 12Z 70MB UABPLOT NH4004
L 861
H 862
H 862
H 865
H 854
H 862
L 860
H 862
H 862
H 862
L 852
07 00
12Z 2
GC 0

V430 ^^ 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 2 DEC 89

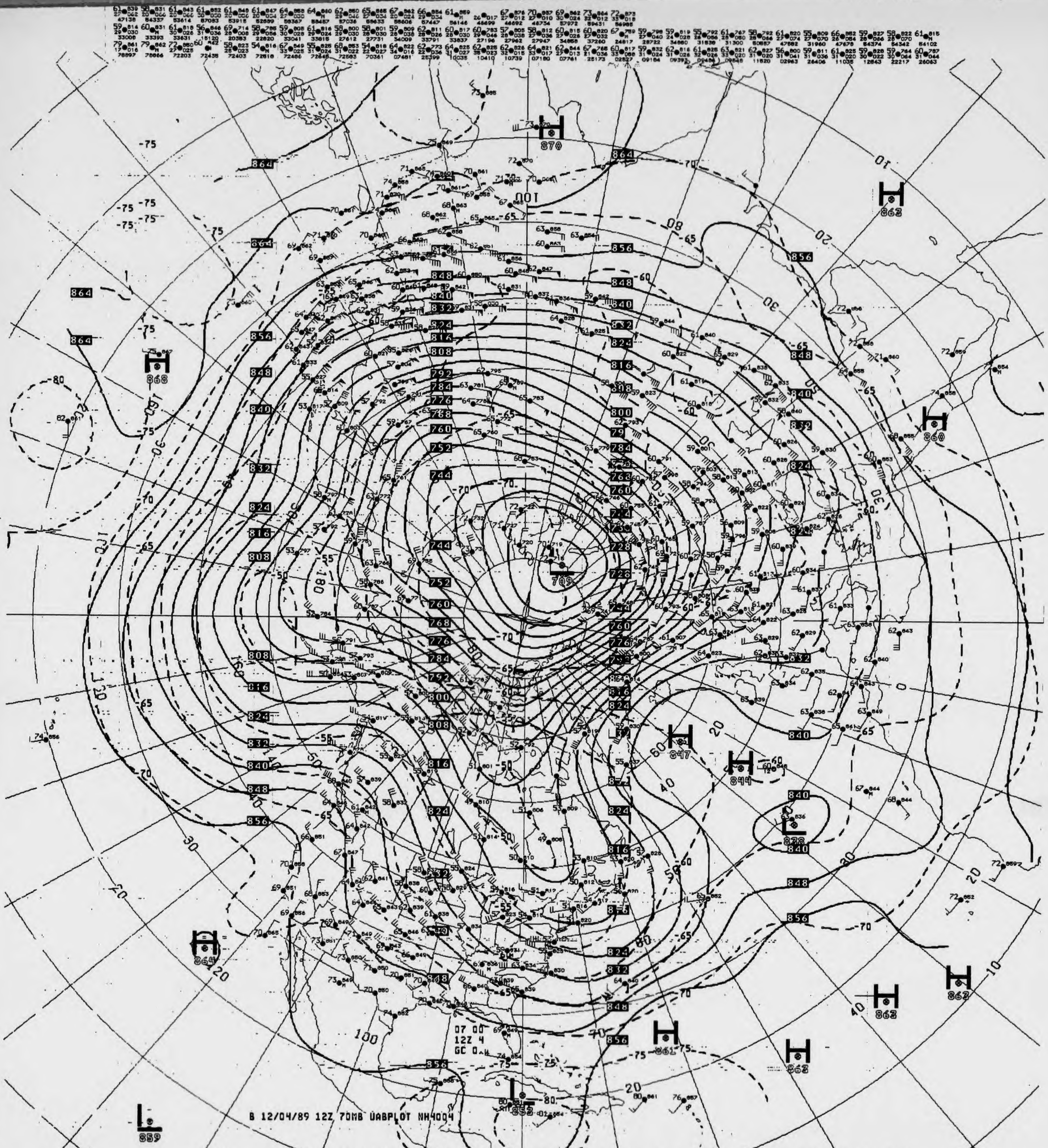
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/03/89 12Z 70MB UABPLOT NH4004
07 00
12Z 3
GC 0^^
H 867
H 865
H 862
H 864
H 867
H 865
H 843
H 863
H 861
H 859
H 862
H 862
H 862
L 702
L 856
L 860
864
856
848
840
832
824
816
808
800
792
784
776
768
760
752
744
736

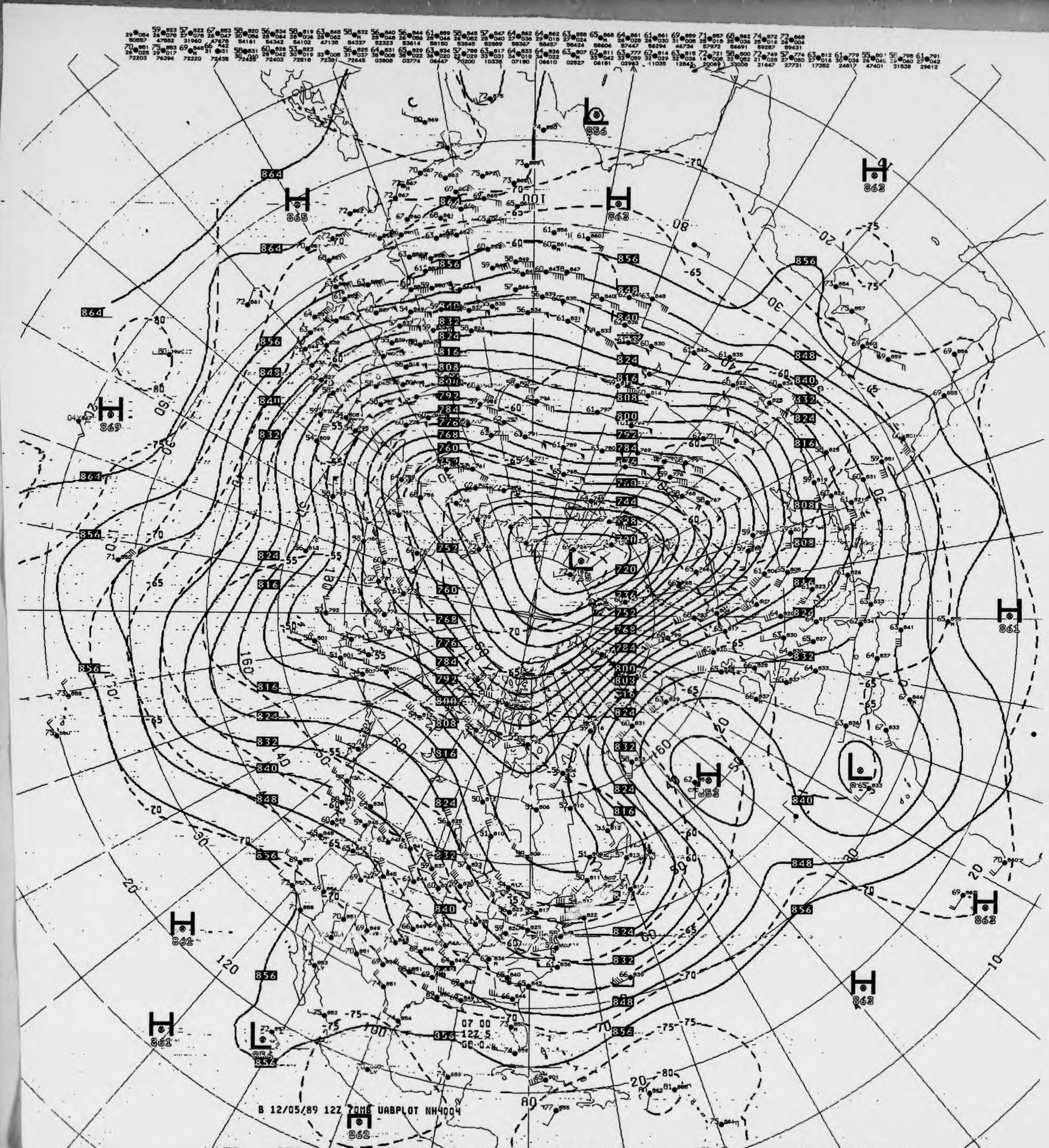
V430 .. 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/04/89 12Z 70MB UABPLOT NH4004
H
L
870
868
863
860
847
844
838
864
862
861
709
852
839

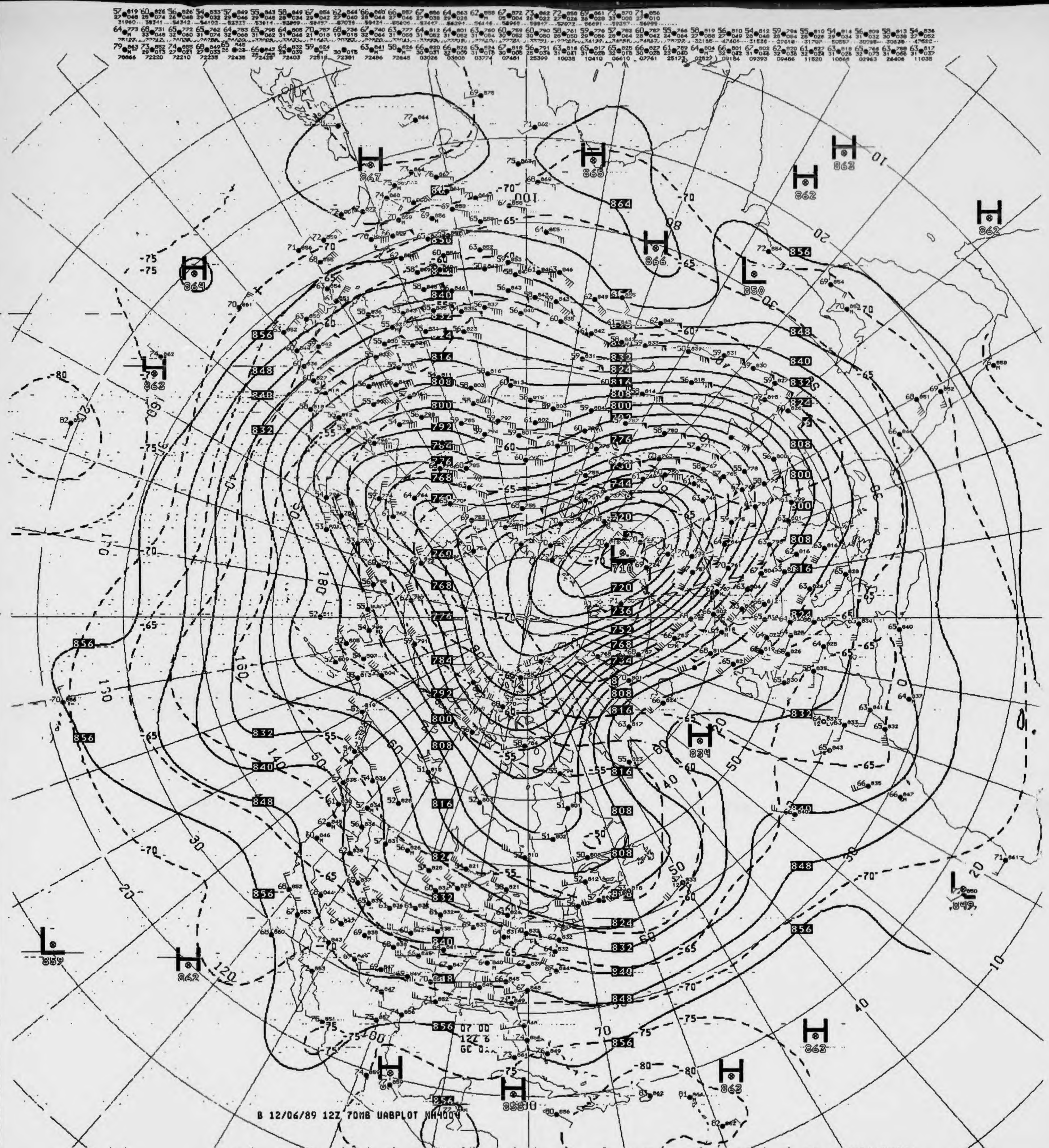
V430 ^^ 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/05/89 12Z 70MB UABPLOT NH4004

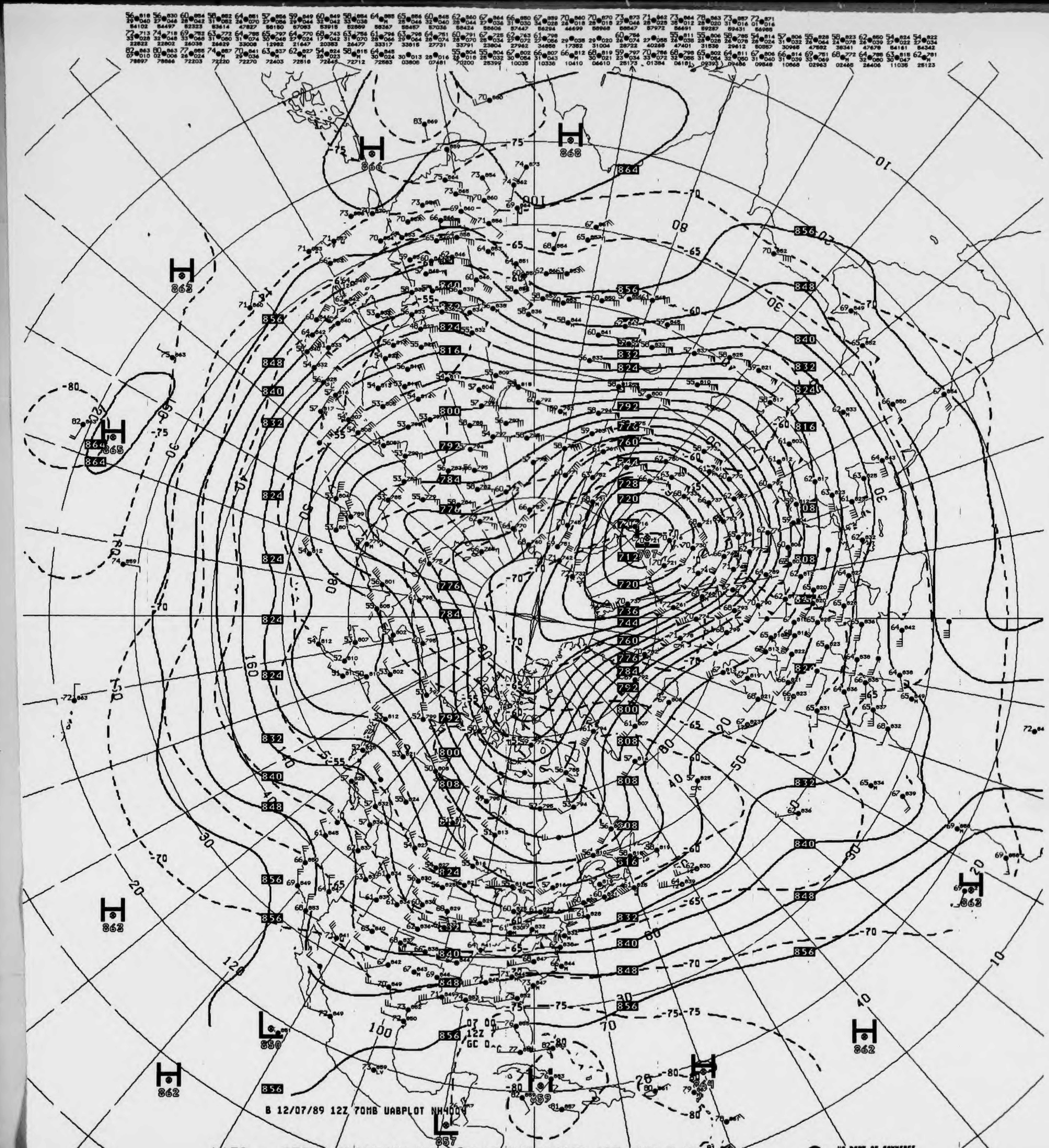
V430 ...070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/06/89 12Z 70MB UABPLOT NH4004

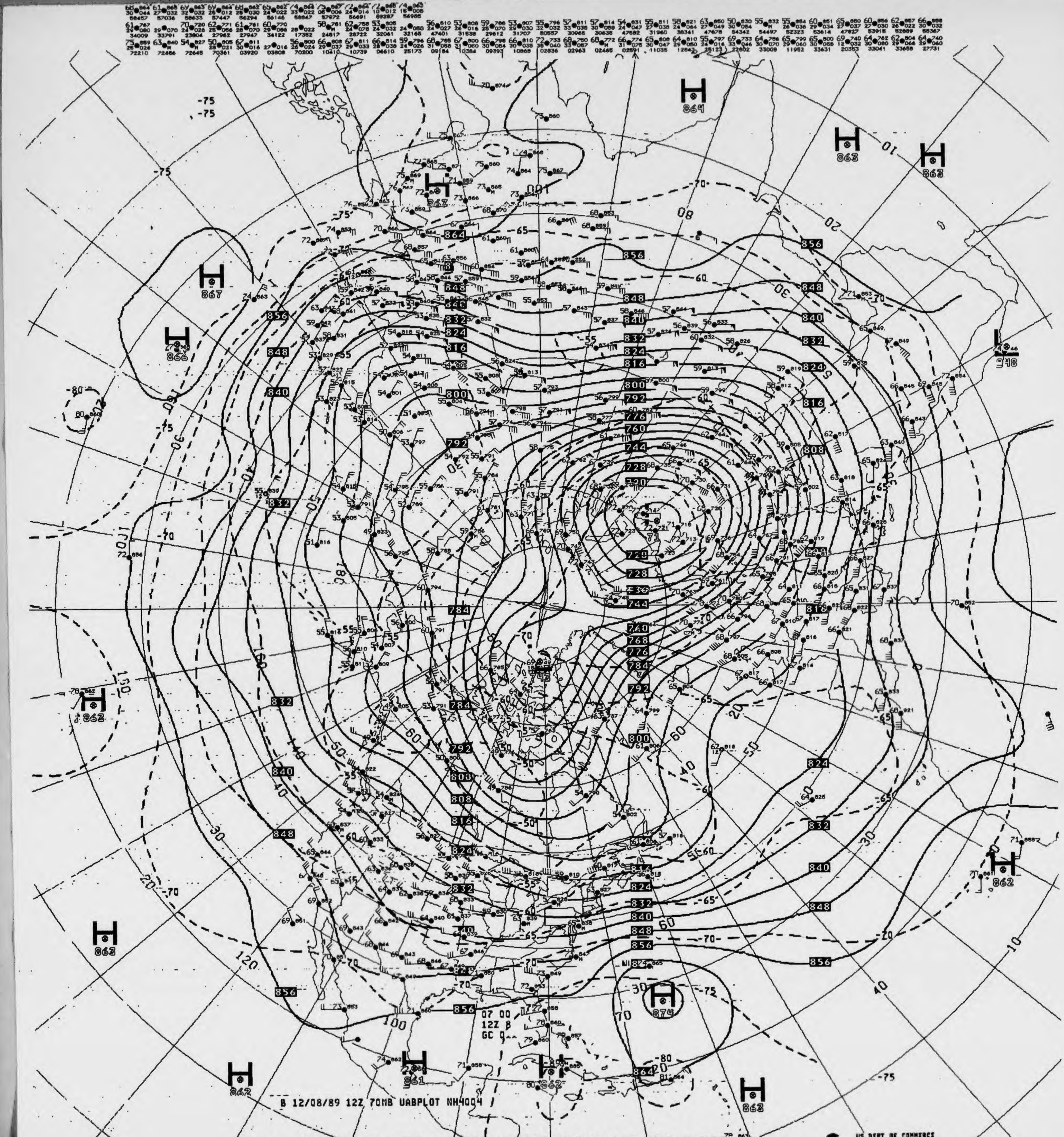
V430 .. 070MB ANALYSIS HEIGHTS/TEMPERATURE-12Z WED 6-DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 866
H 868
H 862
H 865
H 862
H 862
H 862
H 862
L 850
L 857
707
B 12/07/89 12Z 70MB UABPLOT NH400

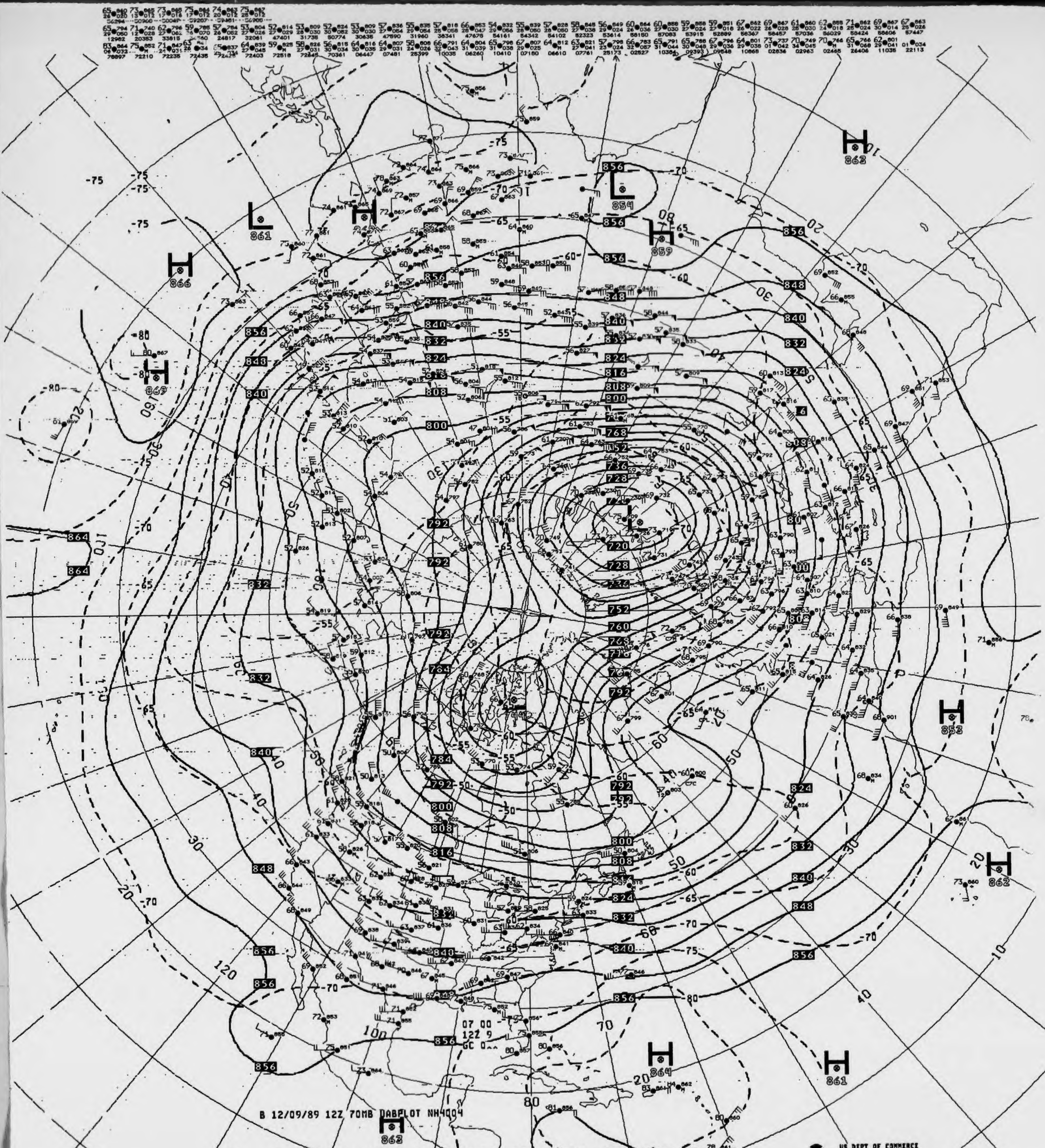
V430 ^^ 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 7 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/08/89 12Z 70MB UABPLOT NH4004
07 00
12Z 8
GC 0^^
H 864
H 863
H 862
H 867
H 866
H 874
H 861
L 918

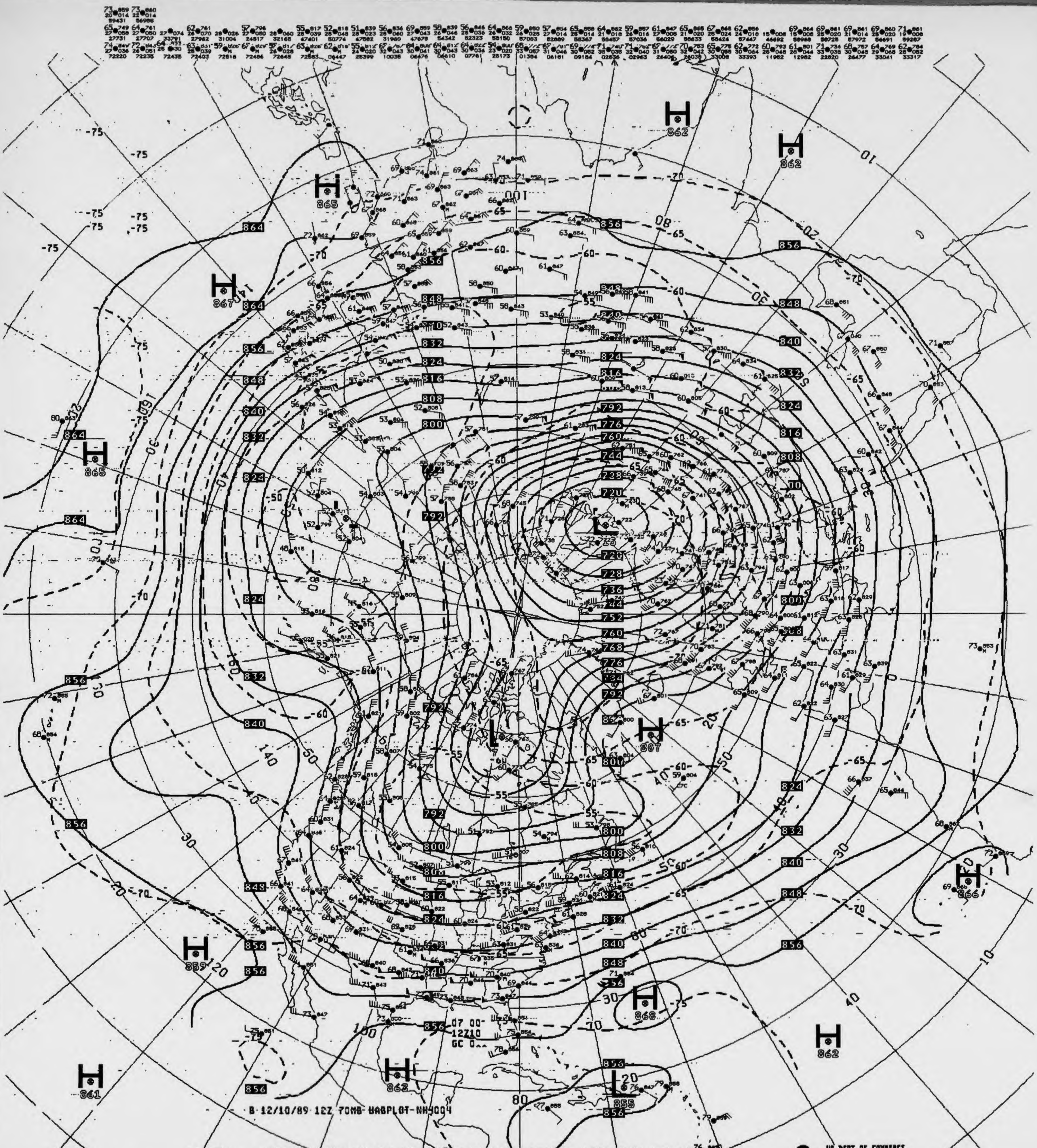
V430 ^^ 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/09/89 12Z 70MB DABPLOT NH4004
07 00
12Z 9
GC 0
H
862
L
854
H
859
L
861
H
866
H
869
L
H
853
H
862
H
864
H
861
H
862
856
848
840
832
824
816
808
800
792
784
768
760
752
736
728
720
864
-75
-70
-65
-60
-55
-50
-80
10
20
30
40
50
60
70
80
100
120
160

V430 ^^ 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 9 DEC 89

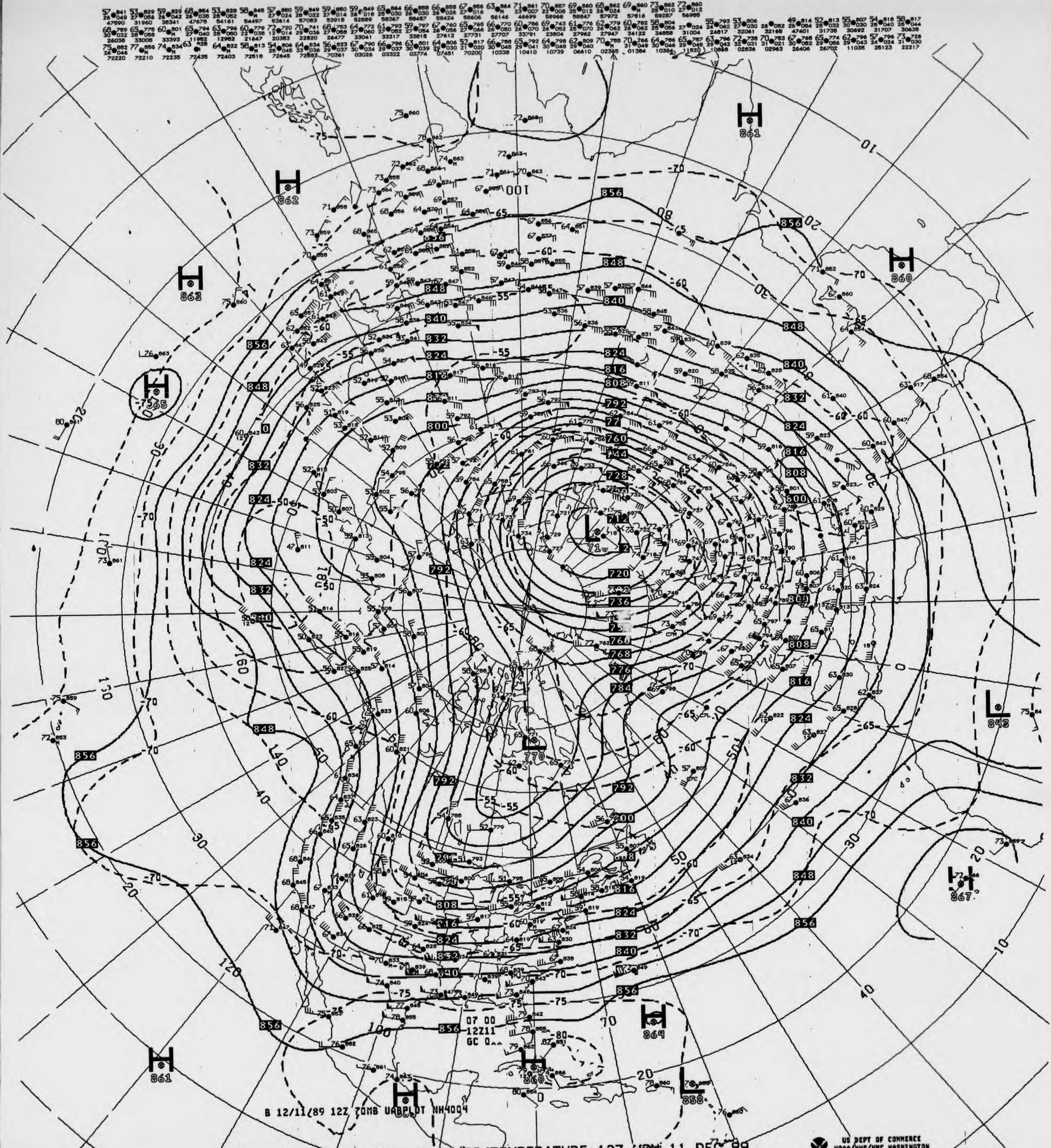
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



H 865
H 867
H 865
H 862
H 862
H 807
H 859
H 868
H 862
H 861
H 863
H 866
L
L
L 855
B 12/10/89 12Z 70MB UABPLOT-NH4004
07 00
12Z10

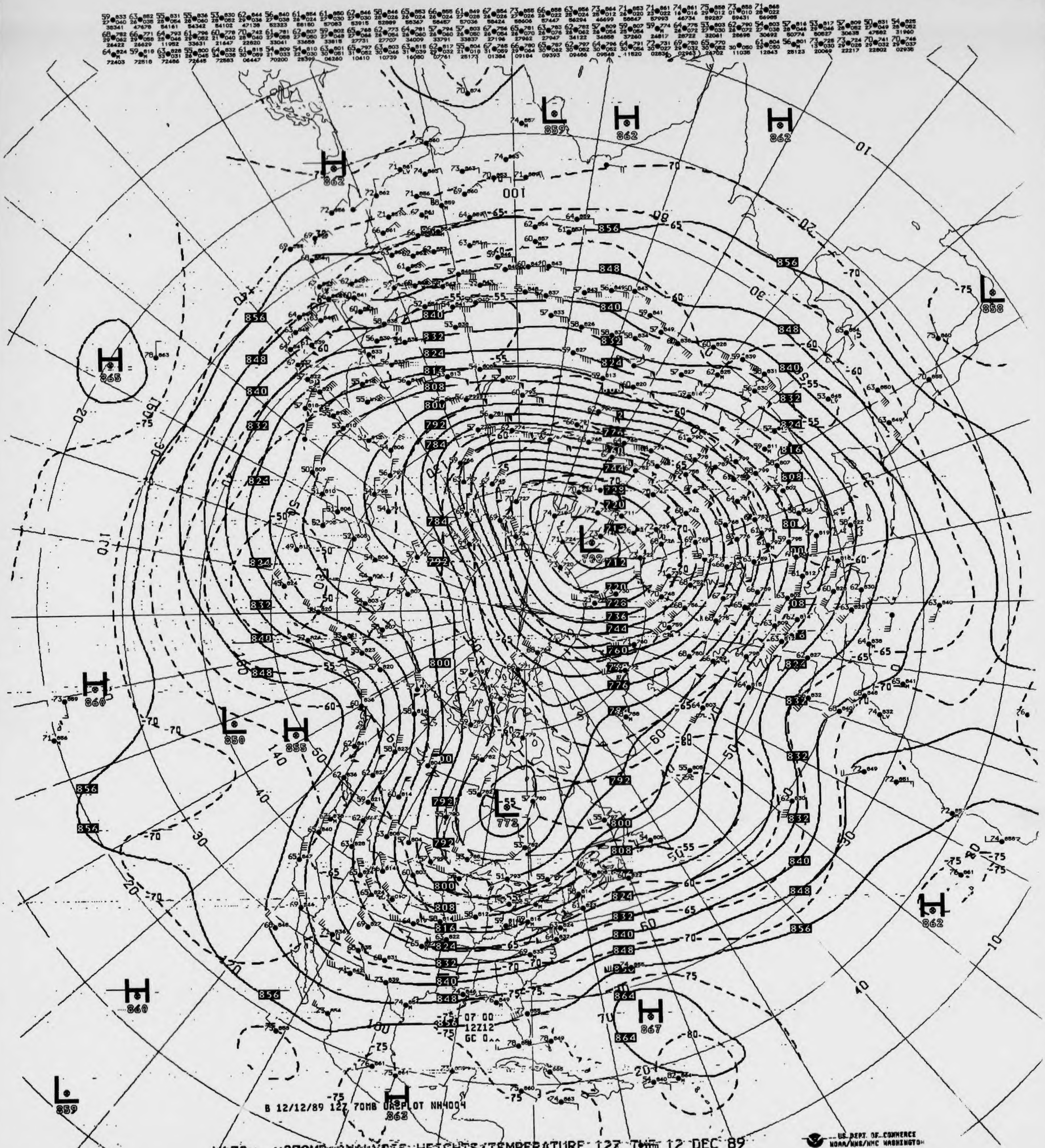
V430 .. 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 10 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


07 00
12Z11
GC 0^^
B 12/11/89 12Z 70MB UABPLOT NH4004

V430 ^^ 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 11 DEC 89

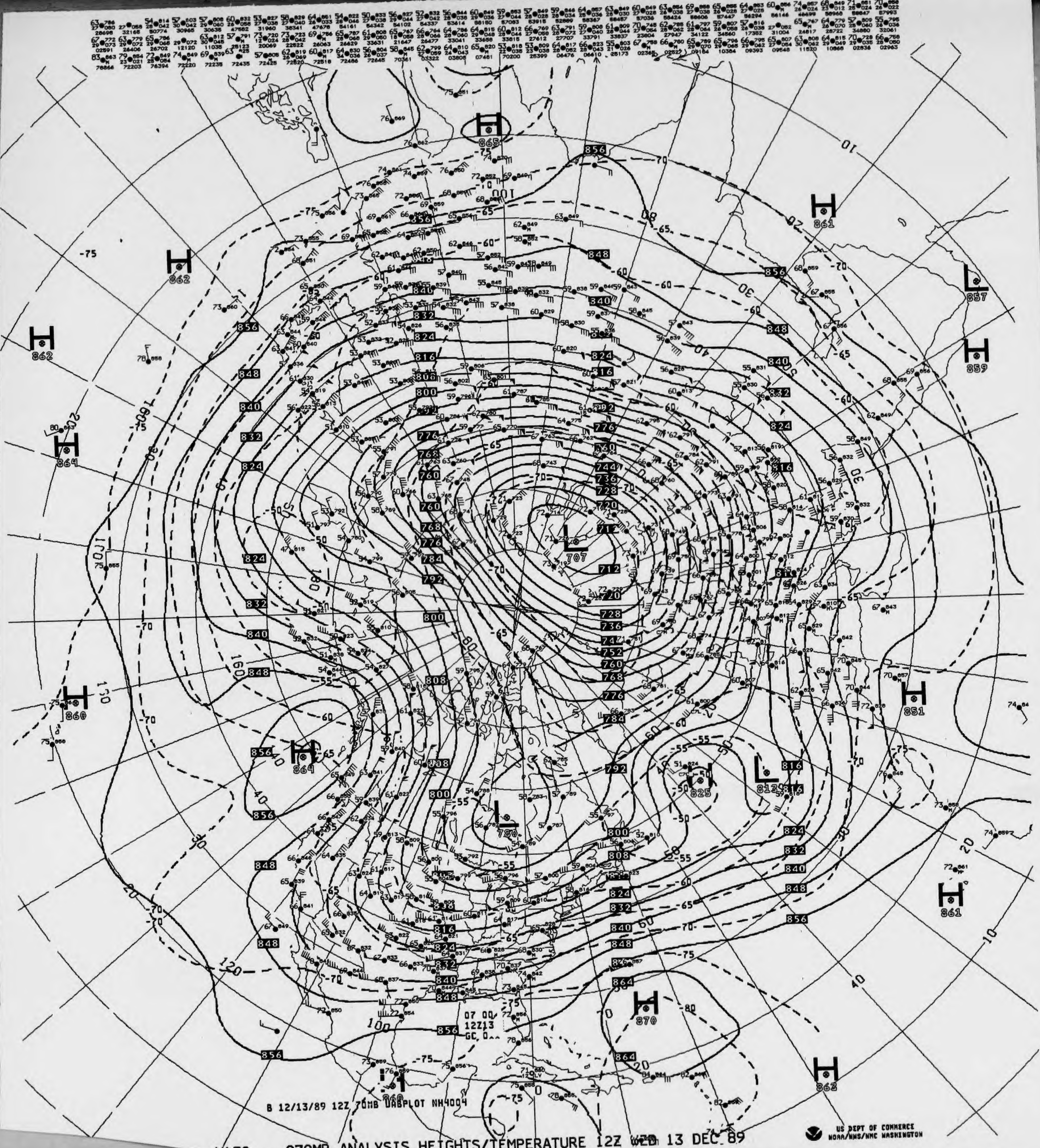
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



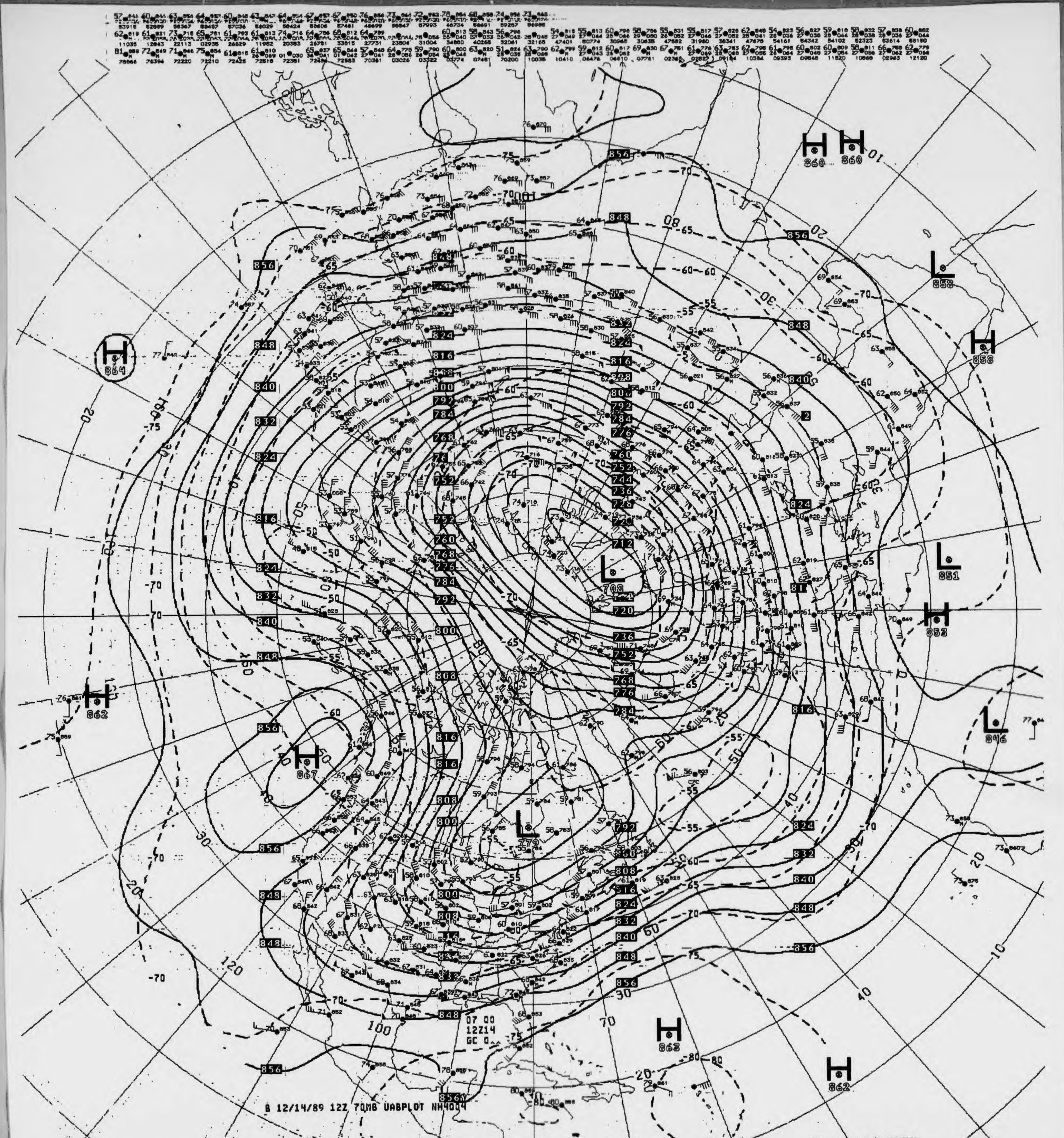
B 12/12/89 12Z 70MB DASPLOT NH4004
07 00
12Z12
GC 0^^

V430 ^^ 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 12 DEC 89

US DEPT. OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 865
H 862
H 862
H 864
H 860
H 864
H 861
L 857
H 859
H 851
H 861
H 862
H 870
L 707
L 780
H 825
L 813
L 860
07 00
12Z13
GC 0
B 12/13/89 12Z 70MB UABPLOT NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

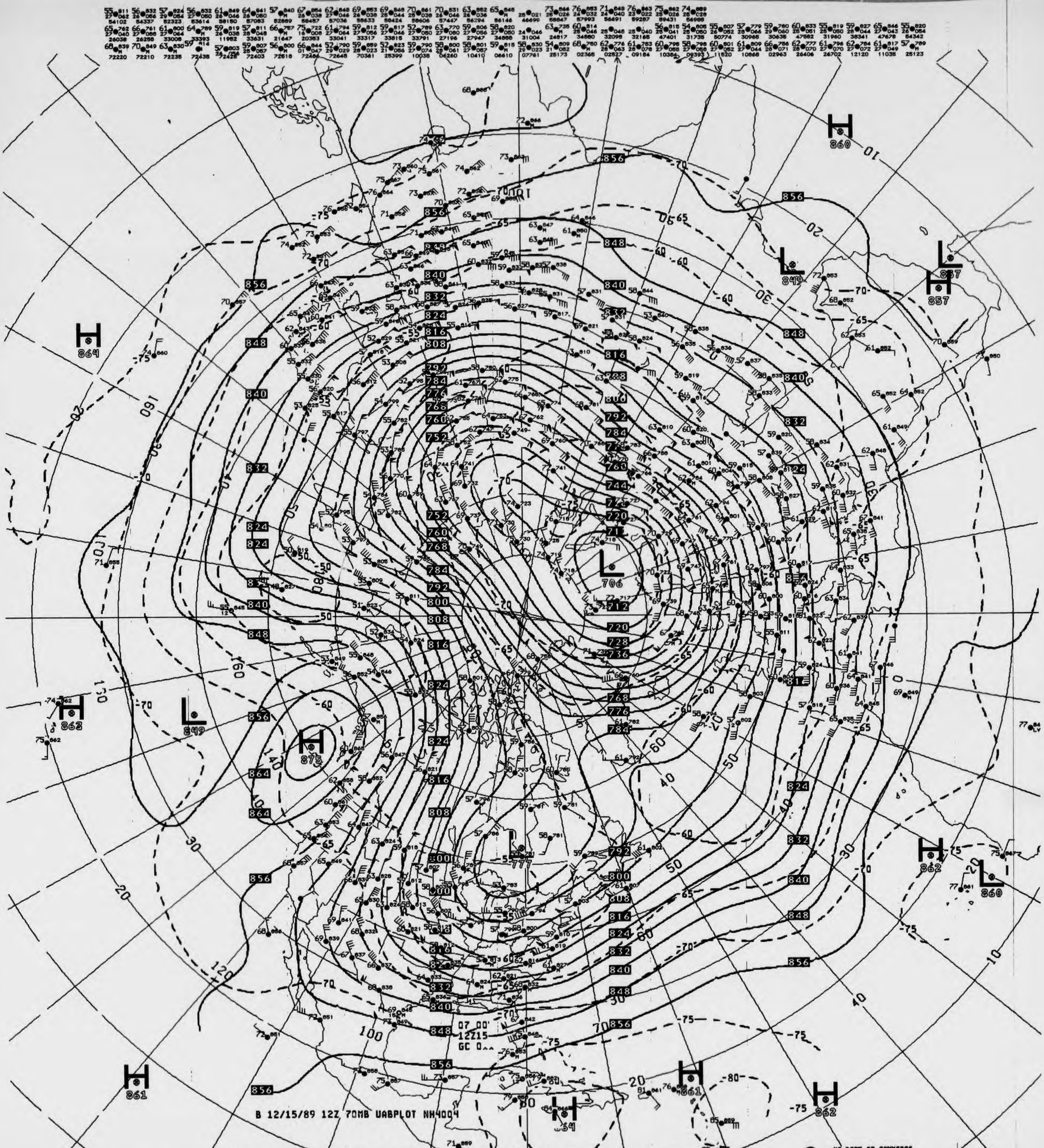
V430 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 13 DEC 89



H 860
H 860
L 858
H 858
H 869
L 708
L 851
H 852
L 846
H 862
H 857
L 779
H 862
H 862
07 00
12Z14
GC 0
B 12/14/89 12Z 70MB UABPLOT NH4004

V430 .. 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 14 DEC 89

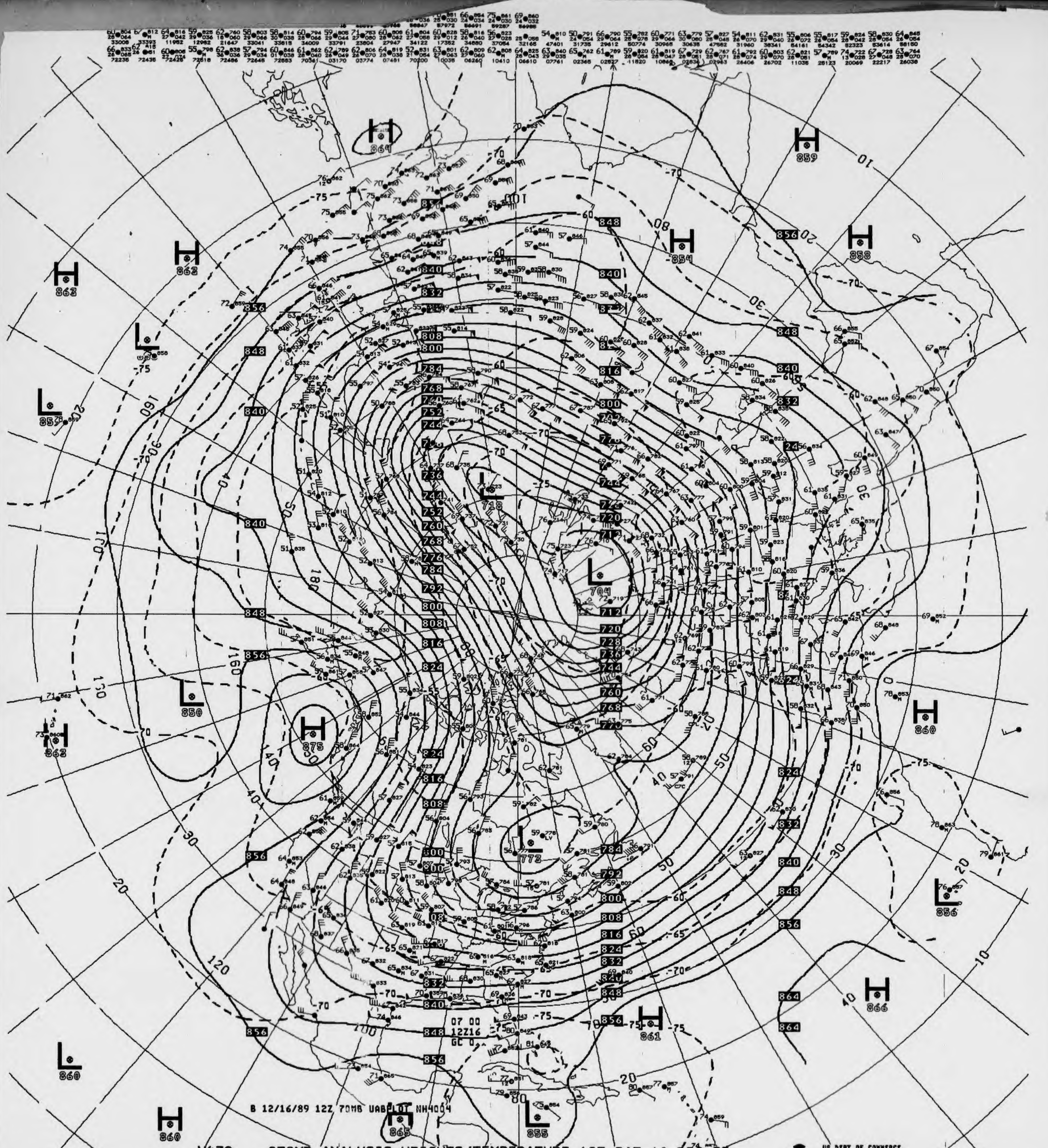
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/15/89 12Z 70MB UABPLOT NH4004
07 00'
12Z15
H 860
L 845
L 857
H 857
H 864
L 706
H 862
L 849
H 875
L 777
H 862
L 860
H 861
H 861
H 862

V430 ^^ 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 15 DEC 89

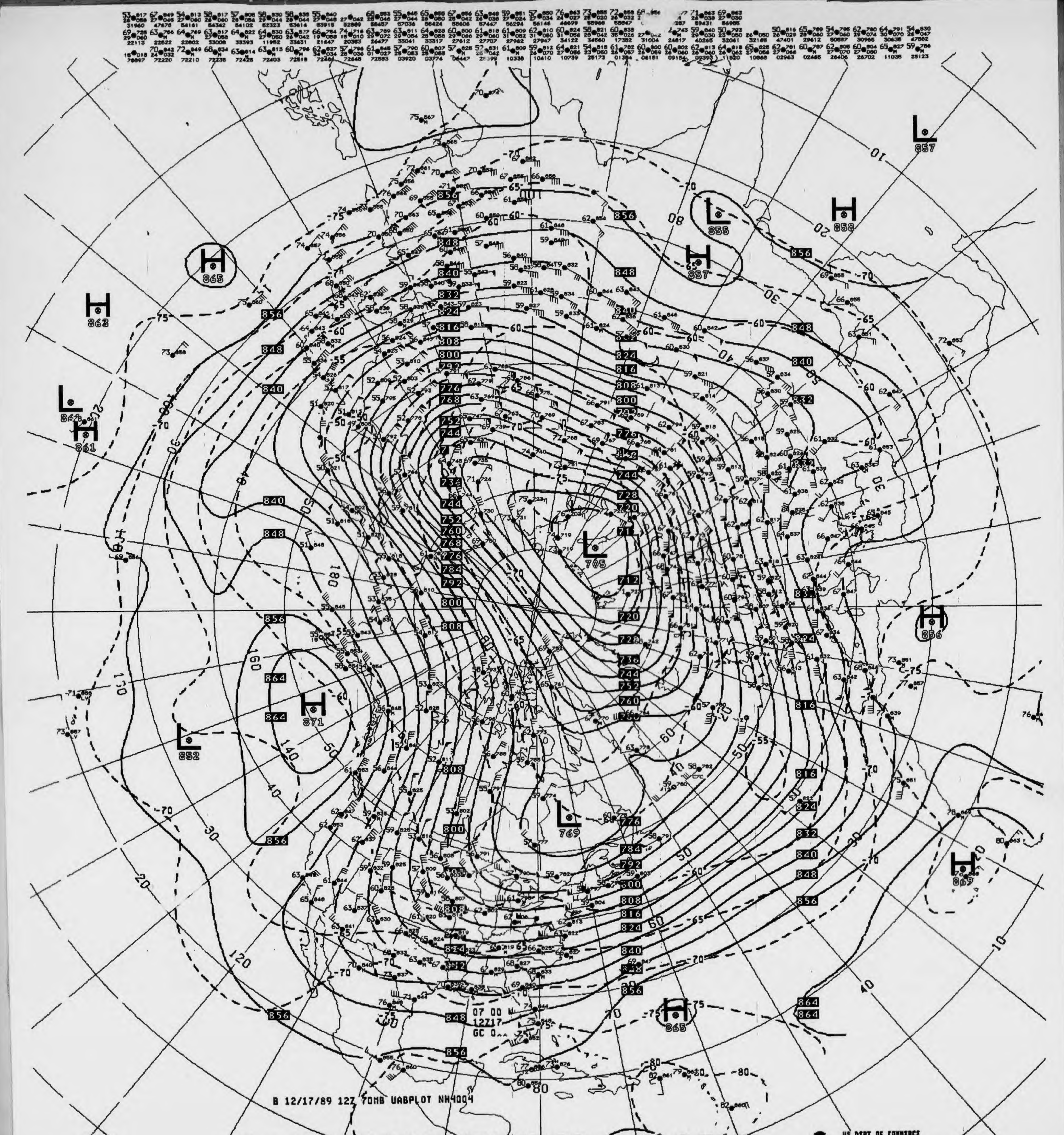
US DEPT OF COMMERCE
NOAA/NWS/WMC WASHINGTON



B 12/16/89 12Z 70MB UABPLOT NH4004
07 00
12Z16
GC 0
H 869
H 859
H 862
H 863
H 854
H 858
L 857
L 718
L 704
L 850
H 875
H 862
L 773
H 860
L 856
H 866
H 861
L 860
H 860
H 865
L 855

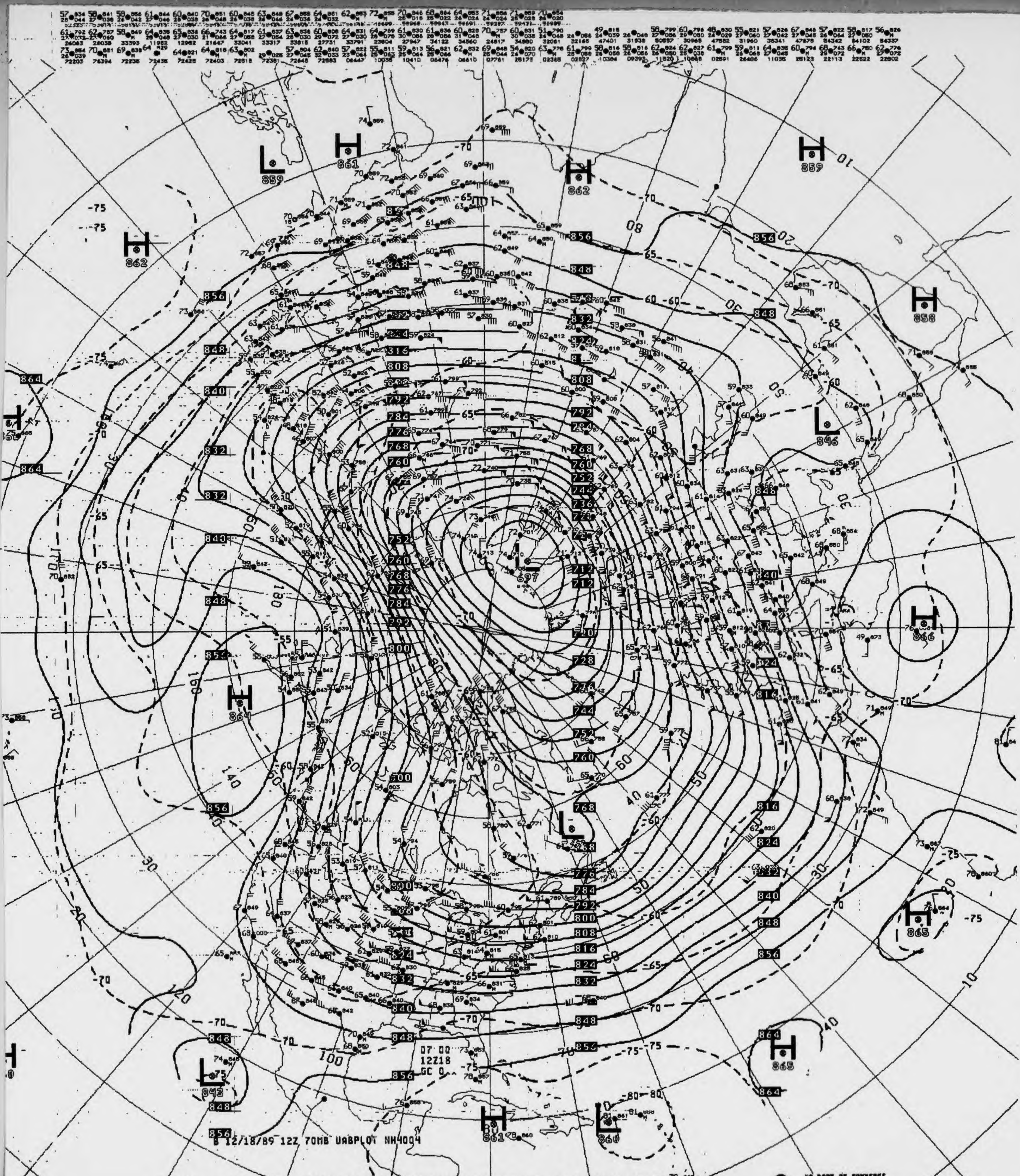
V430 .. 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 16 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 865
H 863
L 861
H 861
H 871
L 852
L 705
L 769
L 857
L 855
H 858
H 857
H 856
H 869
H 865
07 00 M
12Z17
GC 0..
B 12/17/89 12Z 70MB UABPLOT NH4004

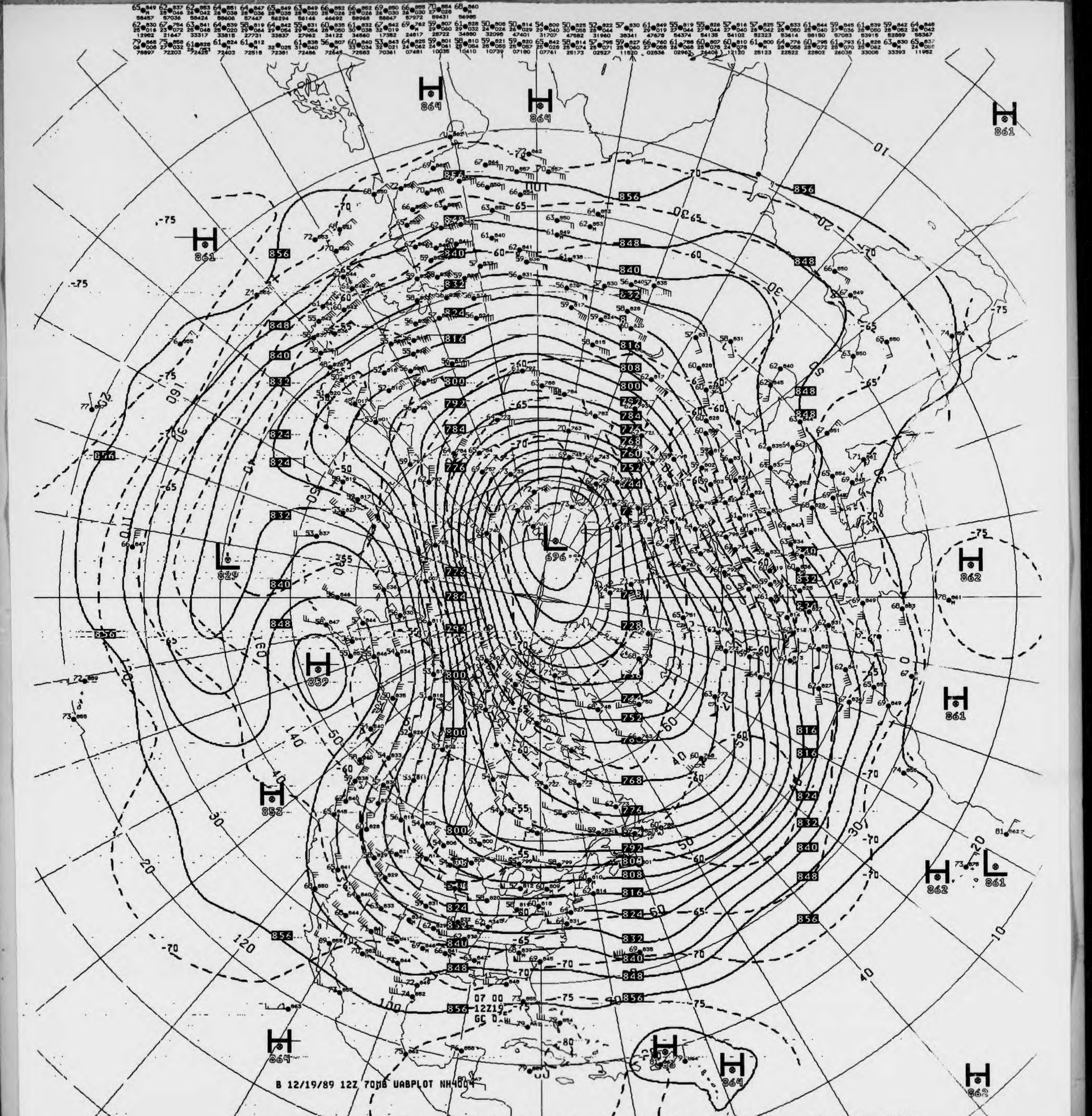
V430 ^^ 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 17 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


07 00
12Z18
GC 0
8 12/18/89 12Z 70MB UABPLOT NH4004

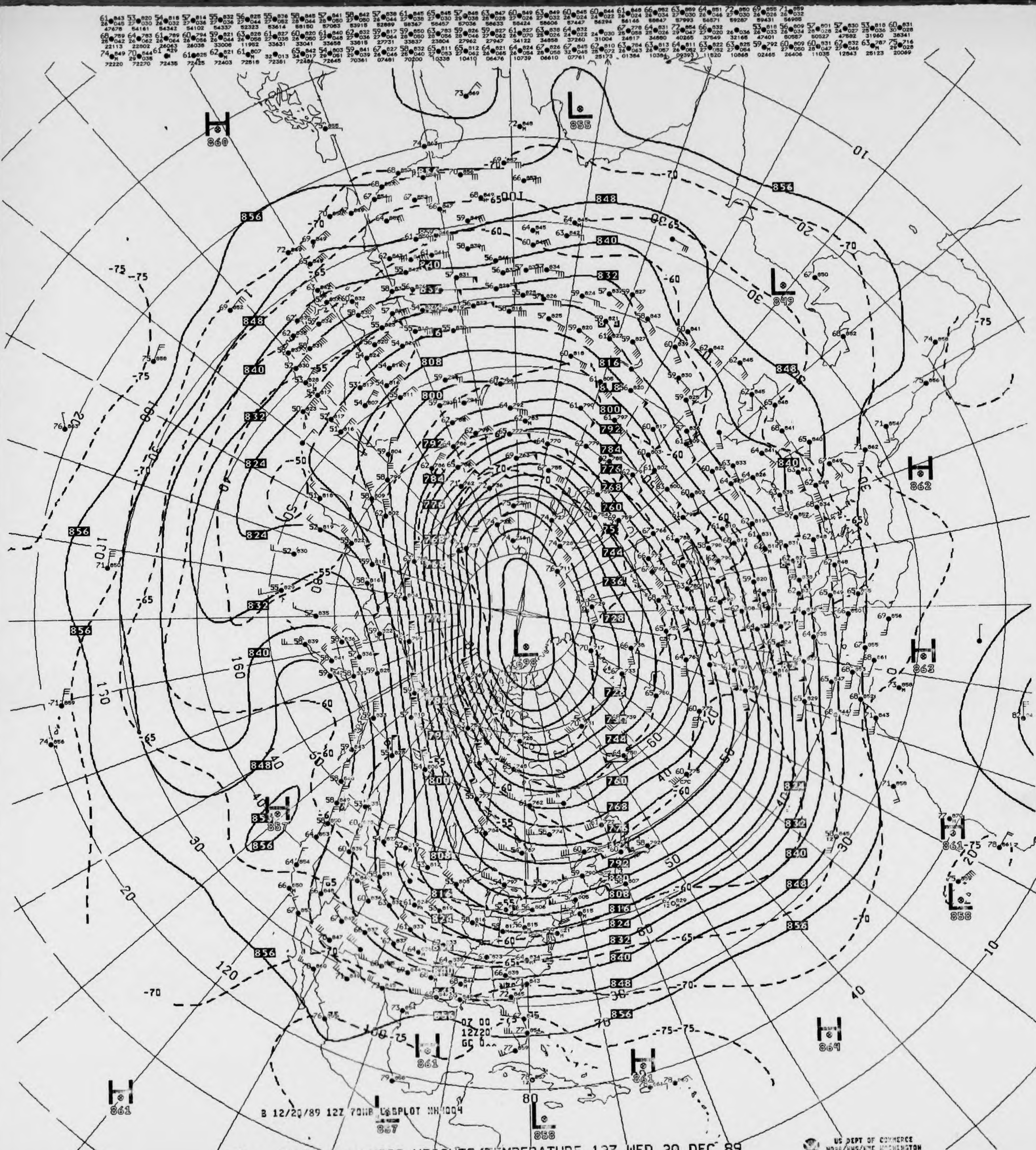
V430 .. 070MB-ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 18 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 864
H 864
H 861
H 861
L 829
H 859
H 853
L 696
H 862
H 861
H 862
L 861
H 864
H 864
H 862
07 00
12Z19
B 12/19/89 12Z 70MB UABPLOT NH4004

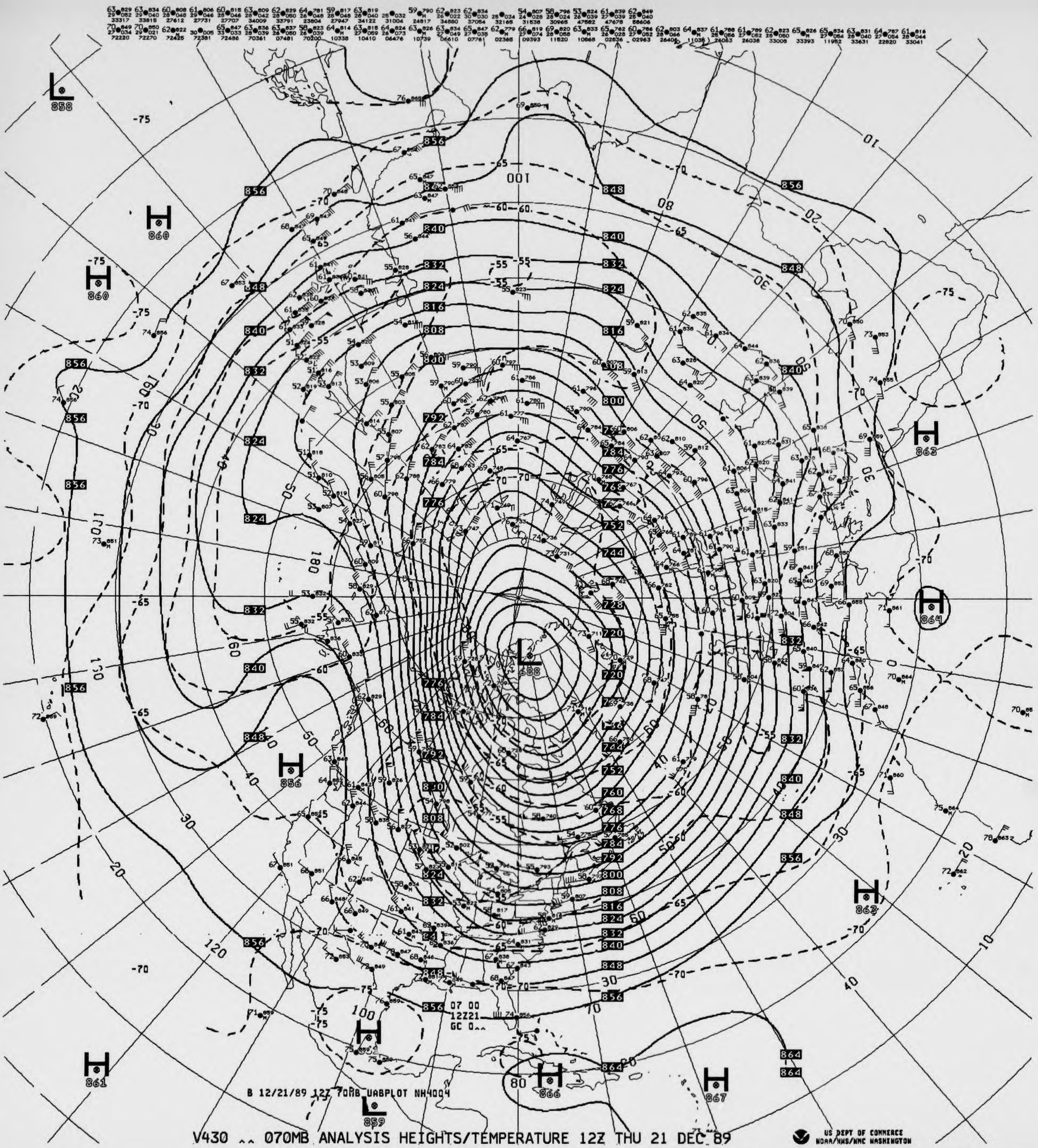
V430 .. 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/20/89 12Z 70MB USPLOT NH1004

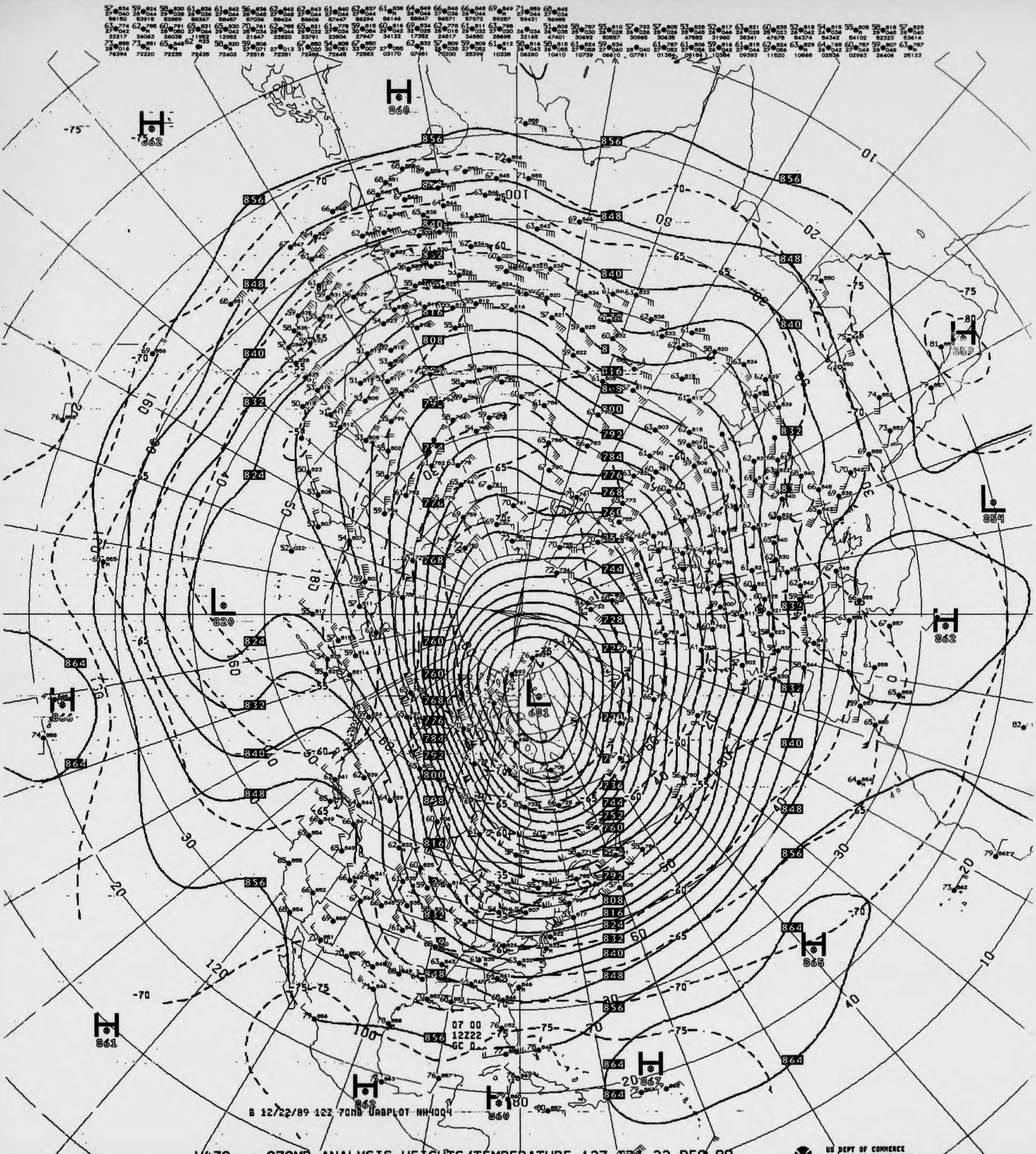
V430 ^^ 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/21/89 12Z 70MB UABPLOT NH4004
07 00
12Z21
GC 0
L 858
H 860
H 860
H 863
H 864
L 688
H 856
H 862
H 861
L 859
H 866
H 867
856
848
840
832
824
816
808
800
792
784
776
768
760
752
744
736
728
720
864
100
80
70
60
50
40
30
20
10
180
160
150
140
130
120
-75
-70
-65
-60
-55

V430 ^^ 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 21 DEC 89

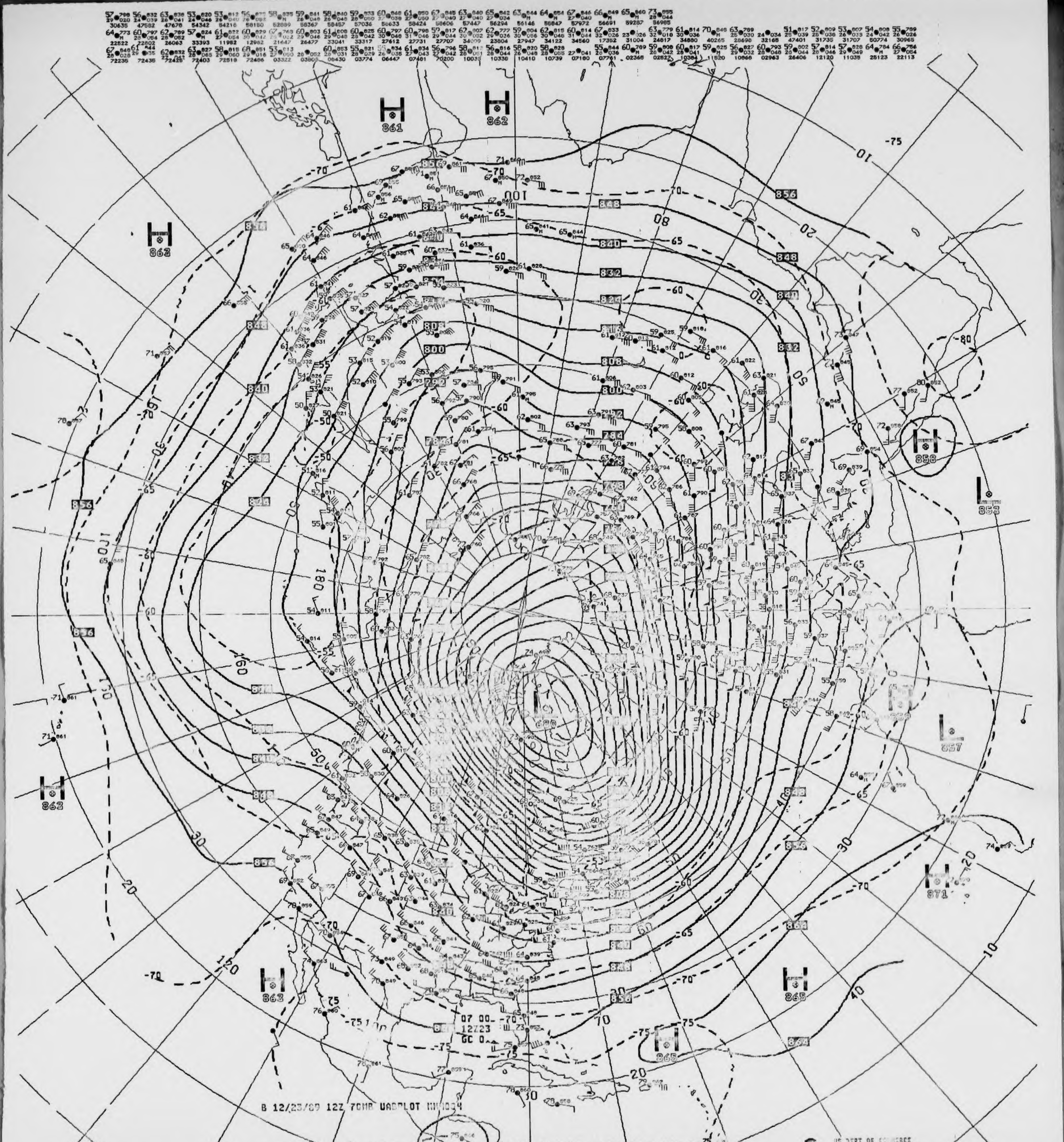
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 860
H 862
H 859
L 854
L 820
H 862
H 866
L 681
H 865
H 861
H 862
H 867
H 860
07 00
12Z22
GC 0
B 12/22/89 12Z 70MB UABPLOT NH4004

V430 ^^ 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 22 DEC 89

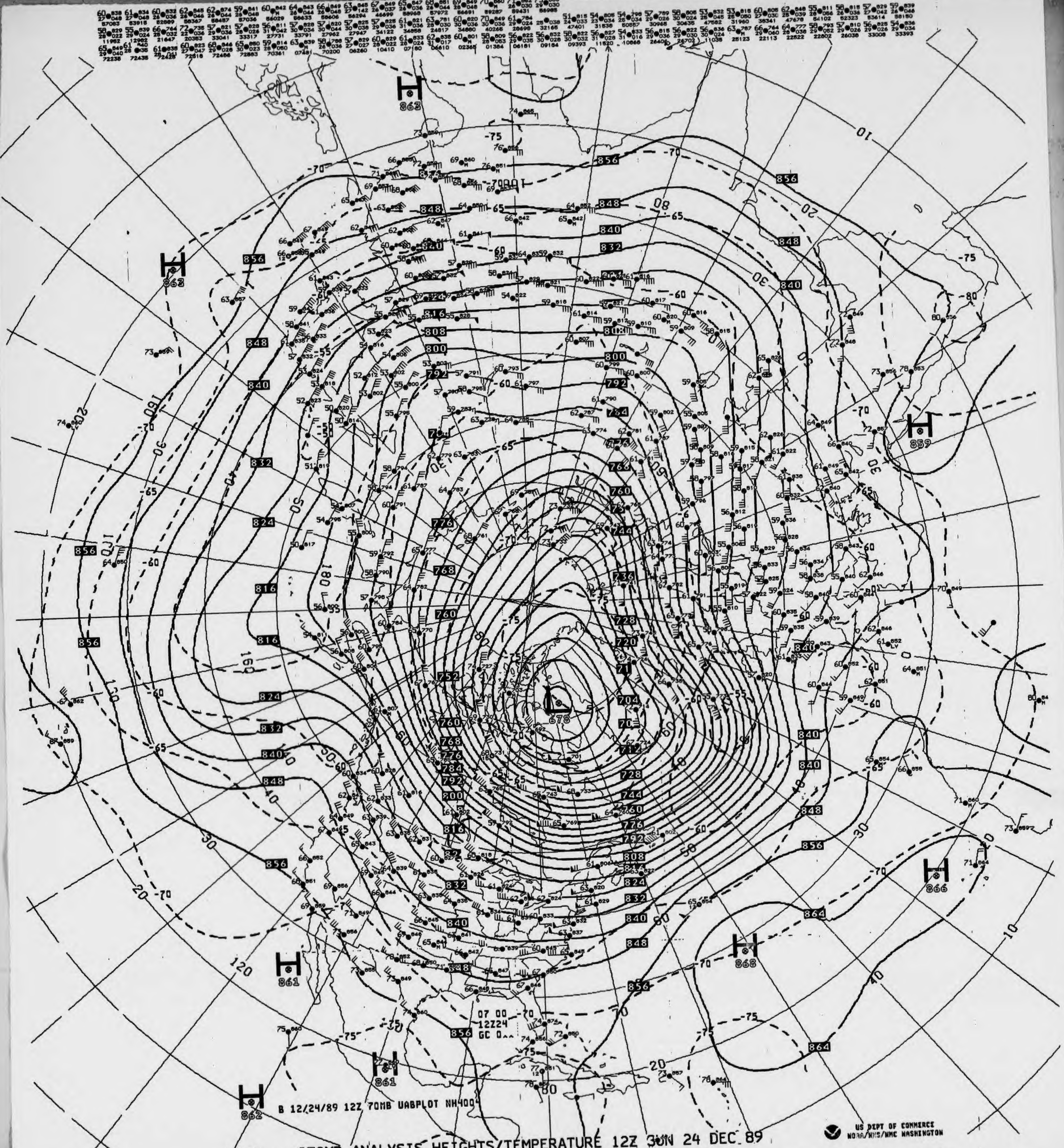
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

NOAA/NWS/NMC WASHINGTON


H 861
H 862
H 863
H 858
H 862
H 863
H 865
H 871
H 865
L 853
L 857
B 12/23/89 12Z 70MB UADPLOT NNN034
07 00
12Z23
GC 0

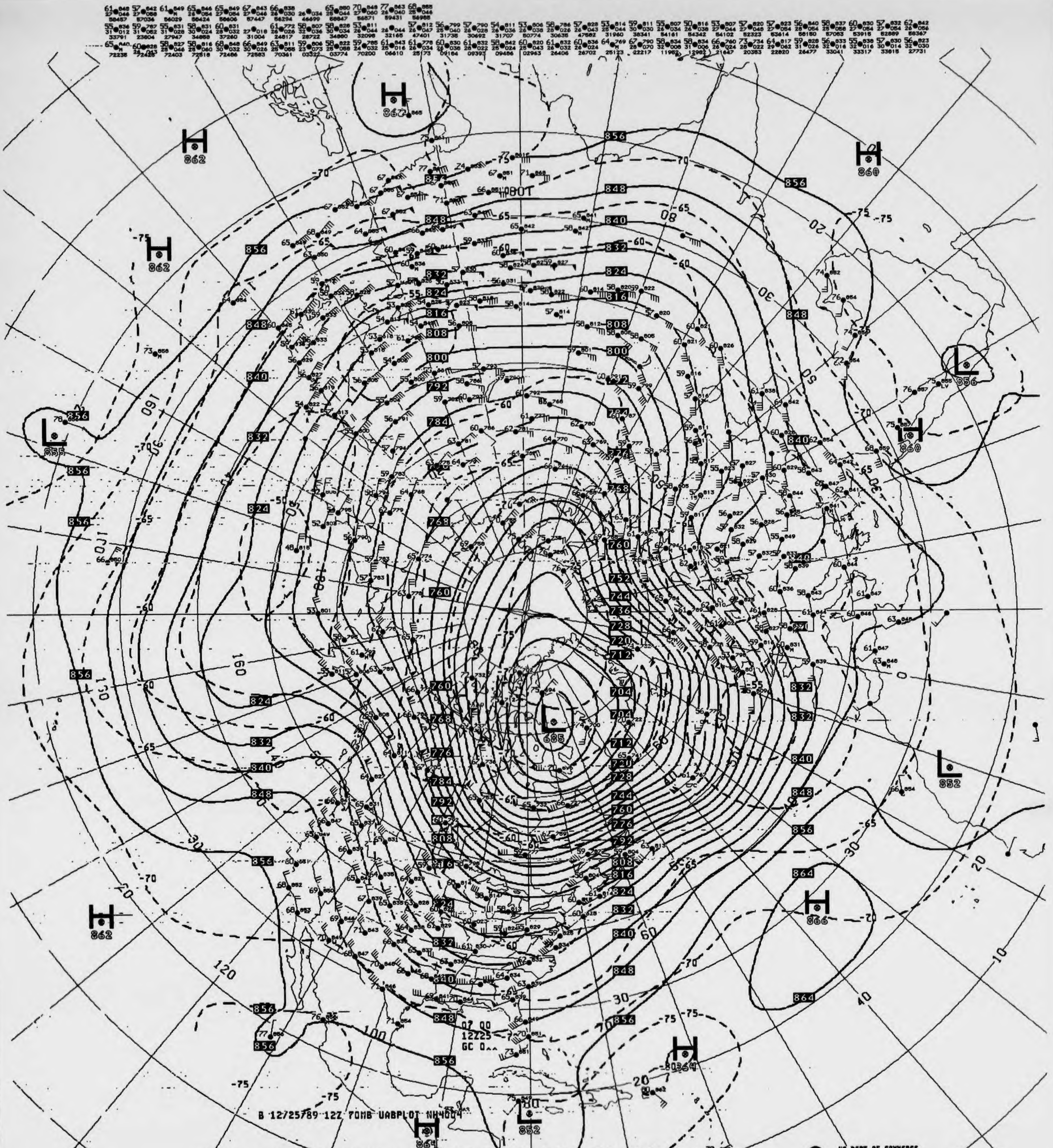
V430 .. 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/24/89 12Z 70MB UABPLOT NH400
07 00
12Z24
GC 0
H 863
H 862
H 859
H 866
H 868
H 861
H 861
H 862
L 678

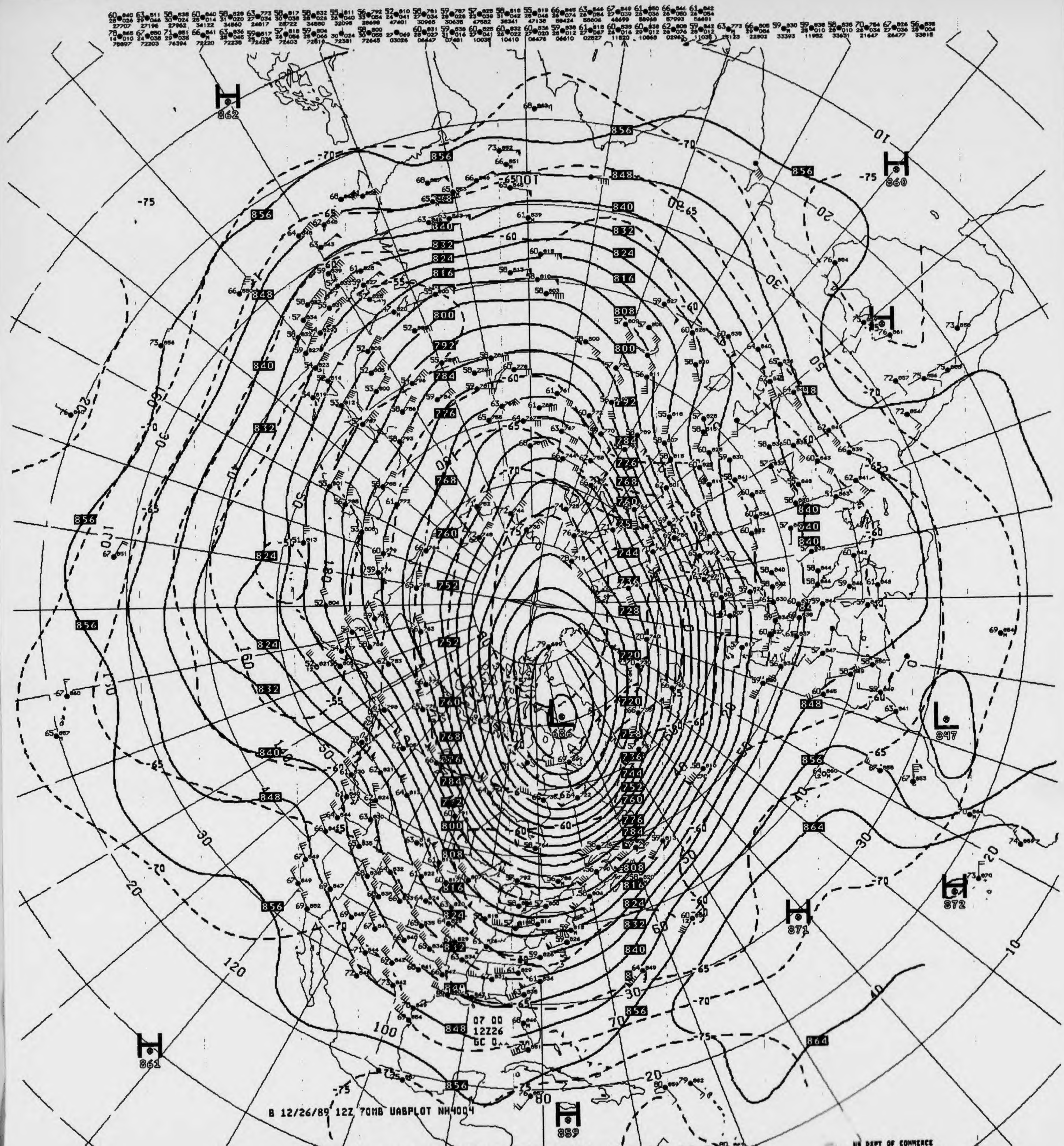
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V430 ^^ 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 24 DEC 89


B 12/25/89 12Z 70MB UABPLOT NH4004
H
862
L
685
852
864
866
860
856
12Z25
GC 0

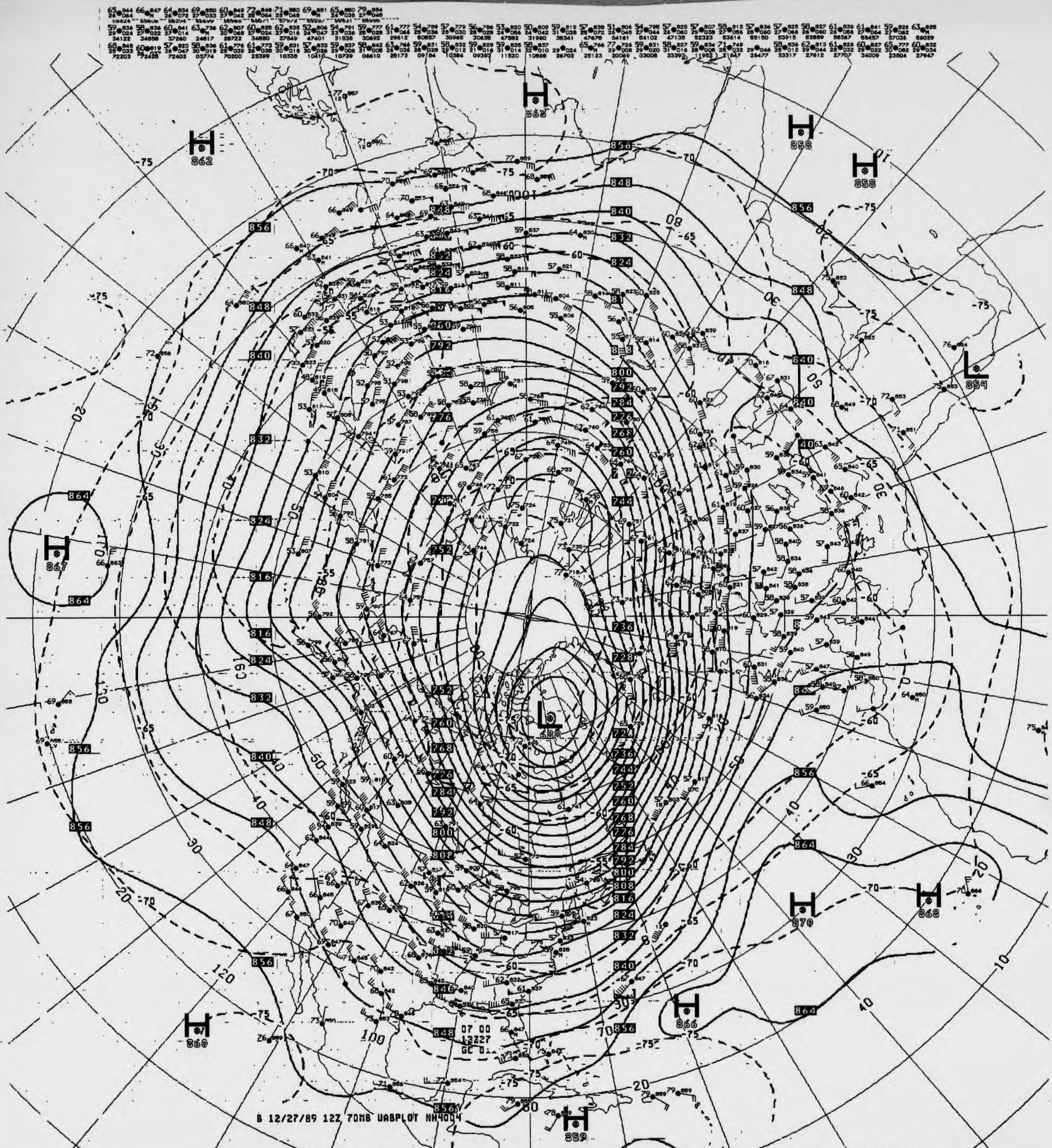
V430 ^^ 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 25 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 862
H 860
H
H 861
H 859
H 871
H 872
L 686
L 847
856
848
840
832
824
816
808
800
792
784
776
768
760
752
744
736
728
720
864
-55
-60
-65
-70
-75
10
20
30
40
50
60
70
80
100
120
140
160
07 00
12Z26
GC 0
B 12/26/89 12Z 70MB UABPLOT NH4004

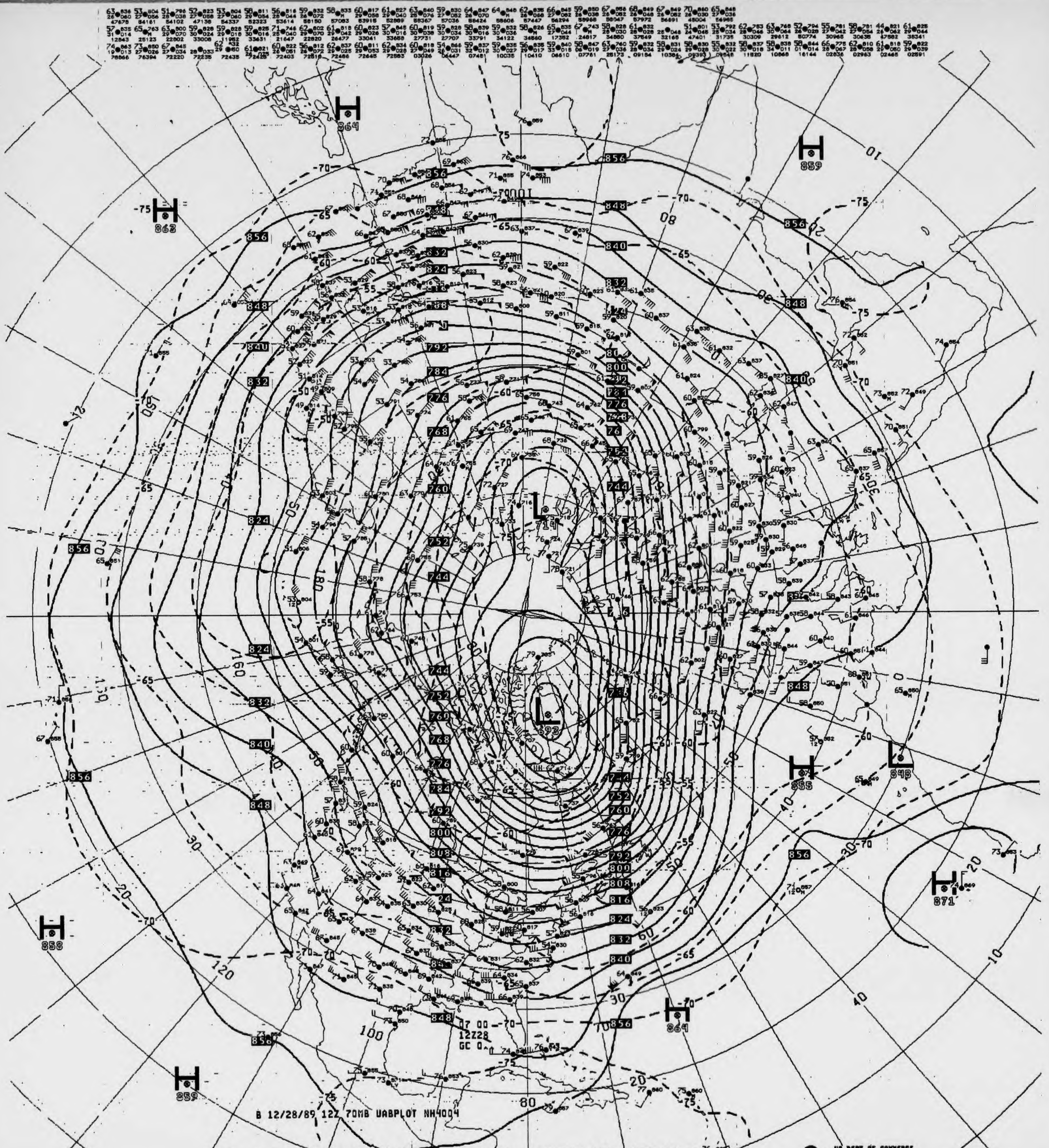
V430 ^^ 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 26 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/27/89 12Z 70MB UABPLOT NH4004
07 00
12Z27
H 862
H 863
H 858
H 858
L 854
H 867
L 688
H 870
H 868
H 866
H 860
H 859
856
848
840
832
824
816
808
800
792
784
776
768
760
752
744
736
728
864

V430 .. 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 27 DEC 89

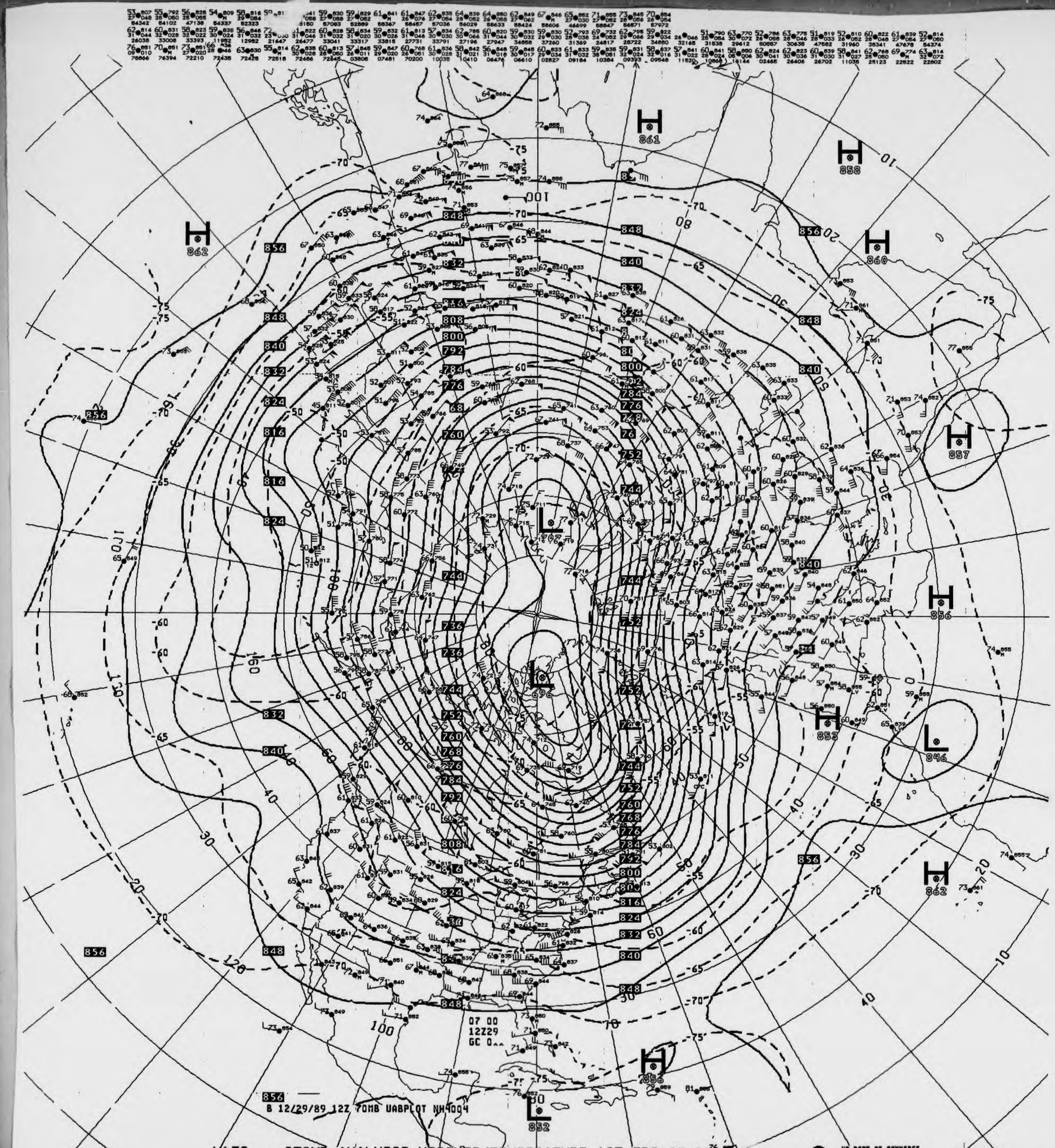
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



H 864
H 859
H 863
H 858
H 859
H 855
H 864
H 871
L 848
L 714
L 693
B 12/28/89 12Z 70MB UABPLOT NH4004
12Z28
GC 0

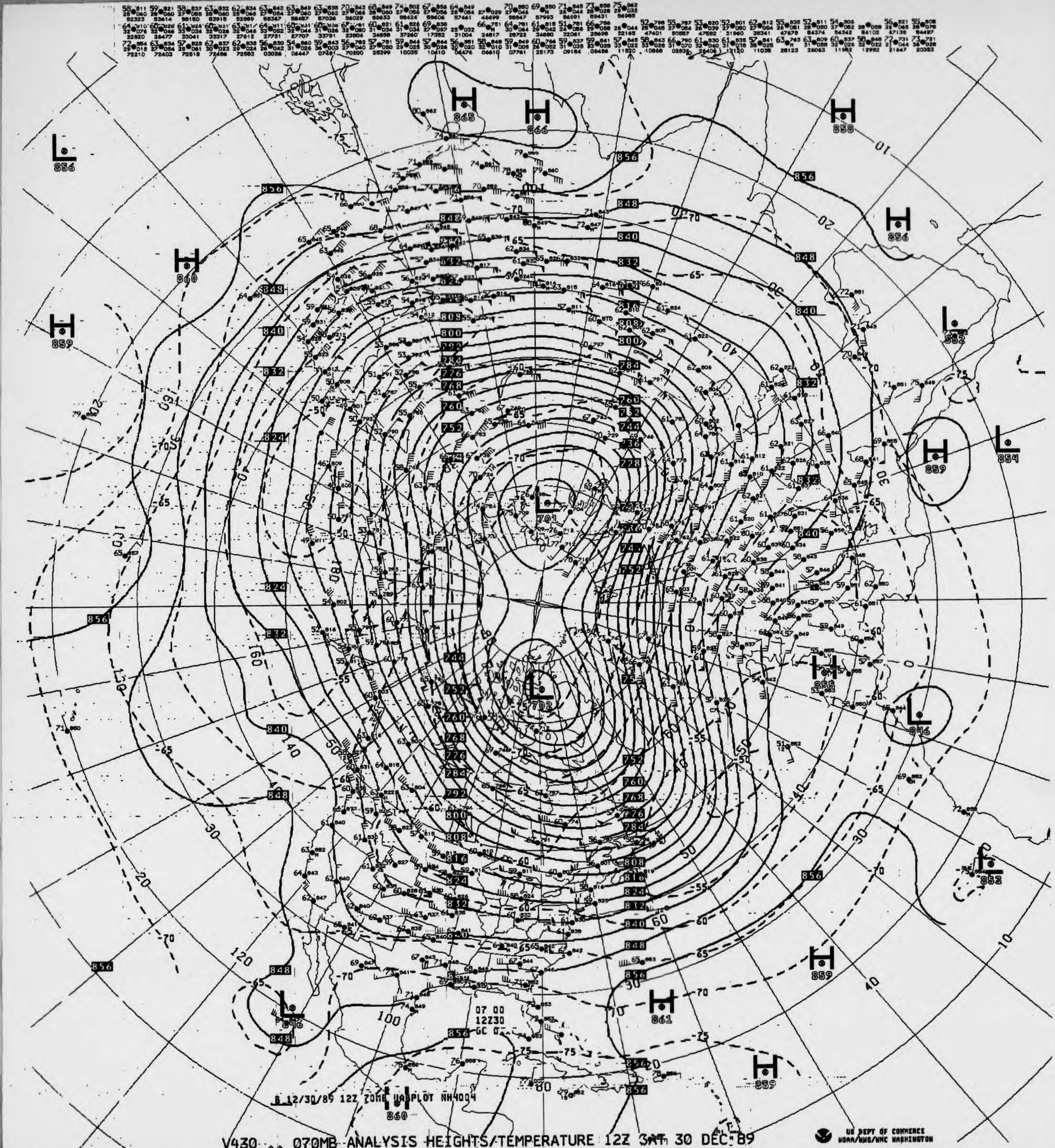
V430 ^^ 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

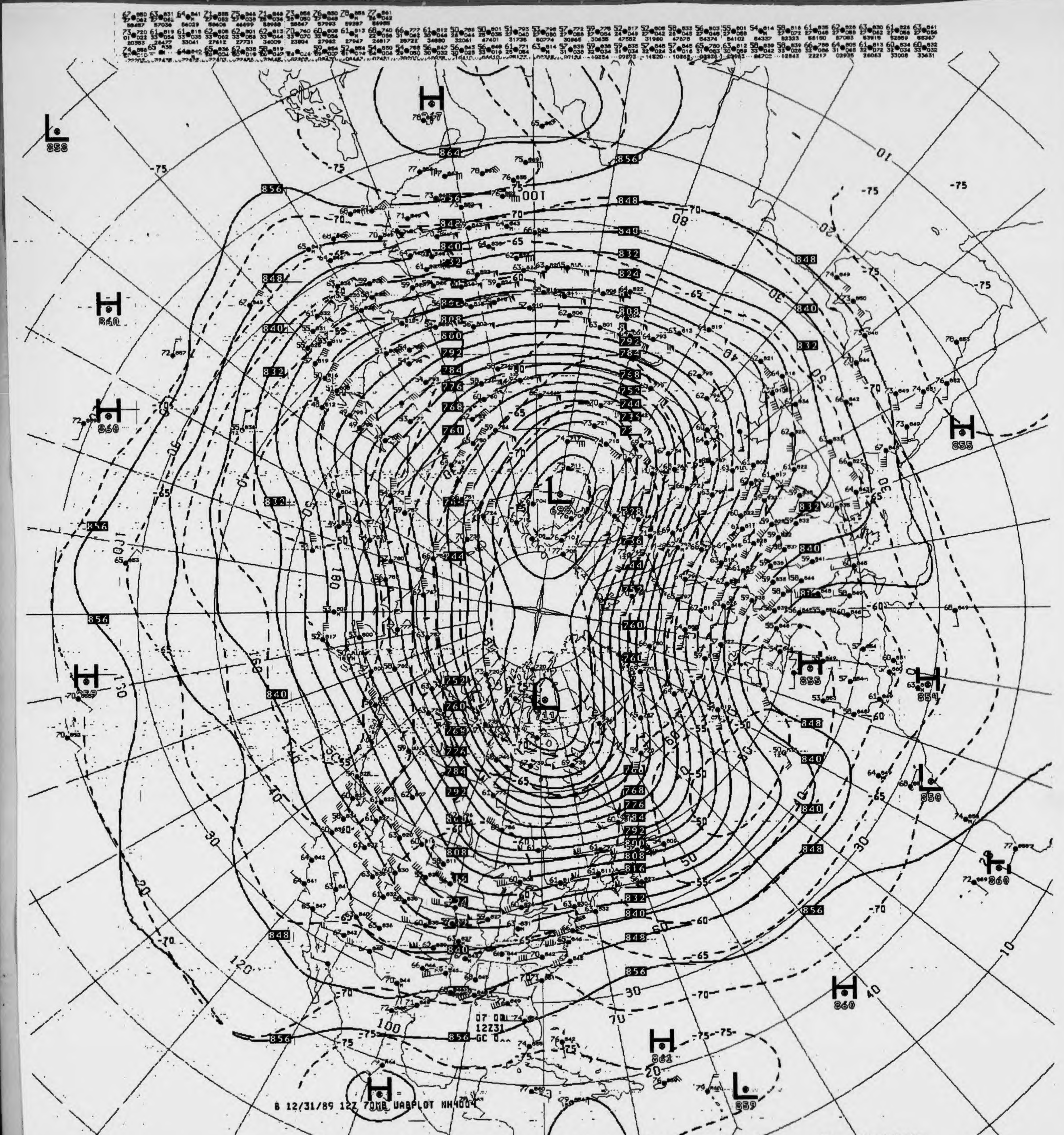

H 861
H 858
H 862
H 860
H 857
H 856
H 852
H 862
H 856
L 846
L 767
L 696
L 852
856
848
840
832
824
816
808
800
792
784
776
768
760
752
744
736
-75
-70
-65
-60
-55
-50
10
20
30
40
50
60
70
80
100
120
130
160
07 00
12Z29
GC 0..
B 12/29/89 12Z 70MB UABPLOT NH4004

V430 ^^ 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 701
L 702
H 865
H 866
H 858
H 856
H 860
H 859
L 856
L 852
L 854
L 846
H 858
H 861
H 859
L 846
H 860
07 00
12Z30
GC 0
B 12/30/89 12Z 70MB UASPLOT NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V430 .. 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 30 DEC 89


H
L
864
856
848
840
832
824
808
800
792
784
776
768
760
752
744
736
698
711
-75
-70
-65
-60
-55
-50
861
859
860
855
854
850
858
B 12/31/89 12Z 70MB UABPLOT NH400

V430 .. 070MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 31 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

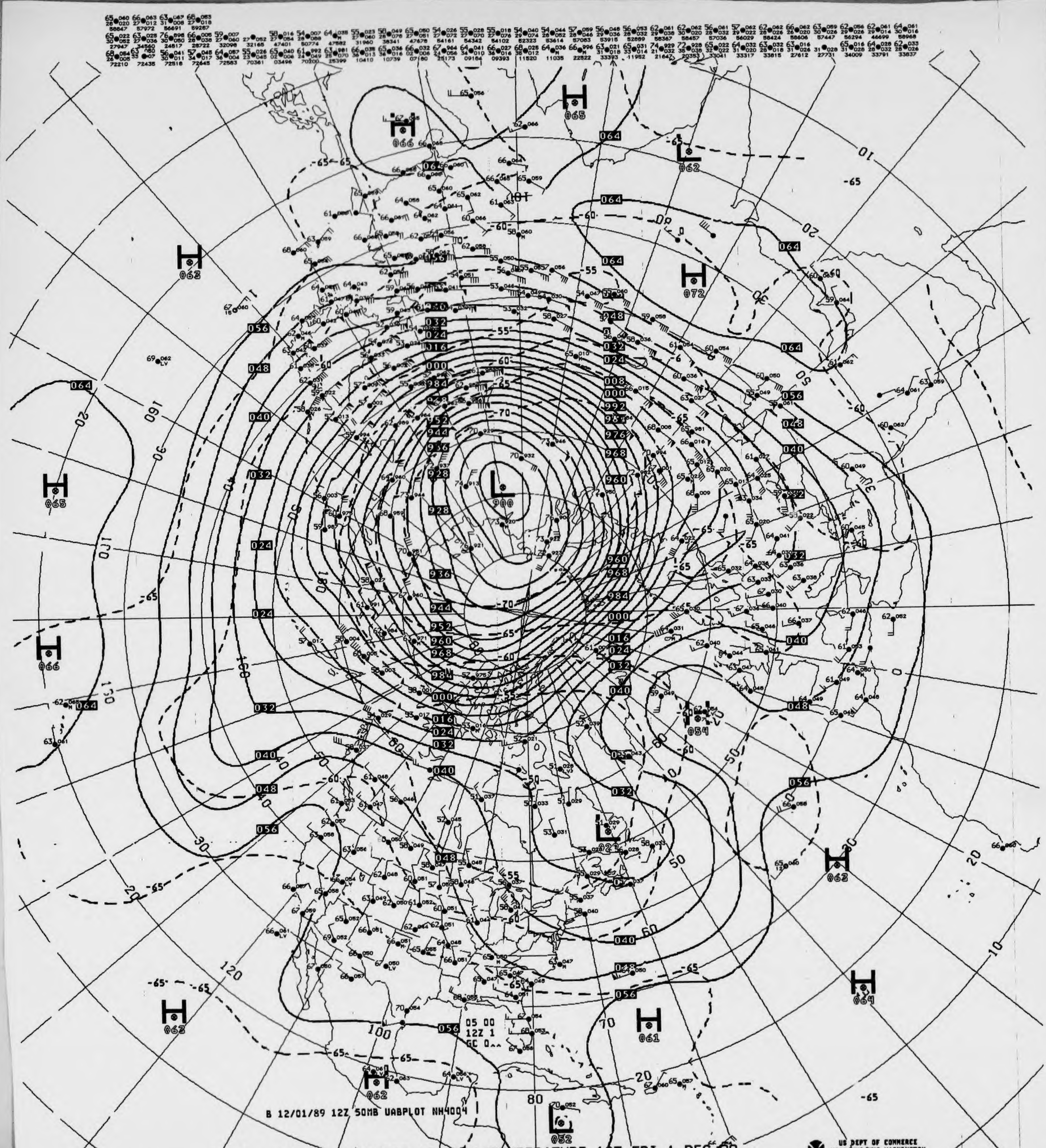
OAA Form 48 - 366C
ev. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Servic
National Climatic Data Center

50 MB CONSTANT PRESSURE CHARTS

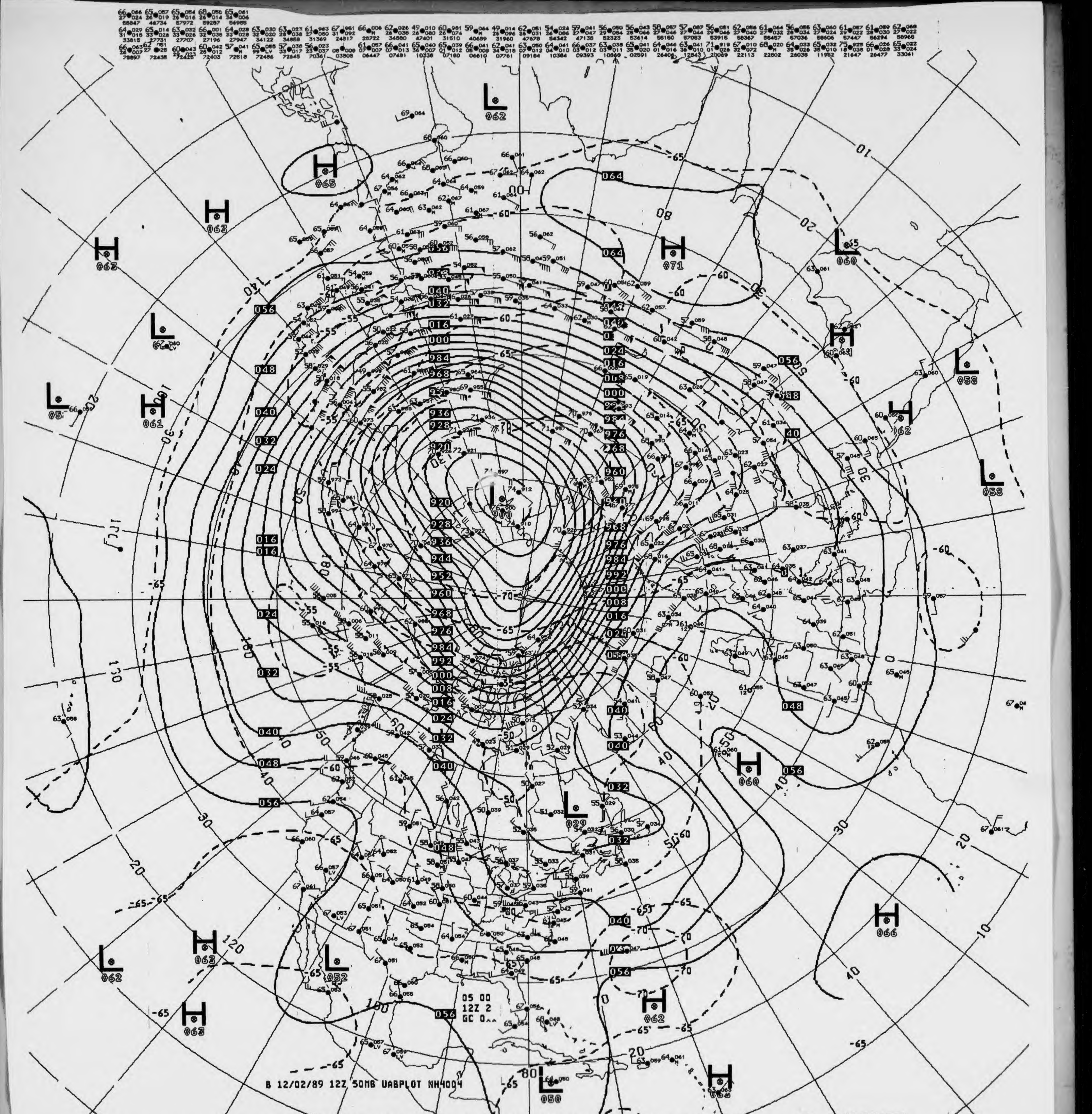
STRATOSPHERIC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING


B 12/01/89 12Z 50MB UABPLOT NH4004
05 00
12Z 1
L
900
H
072
H
065
H
066
H
062
H
061
L
052
L
062
L
022
L
054
H
069
H
063
H
065
H
066
H
063
H
062

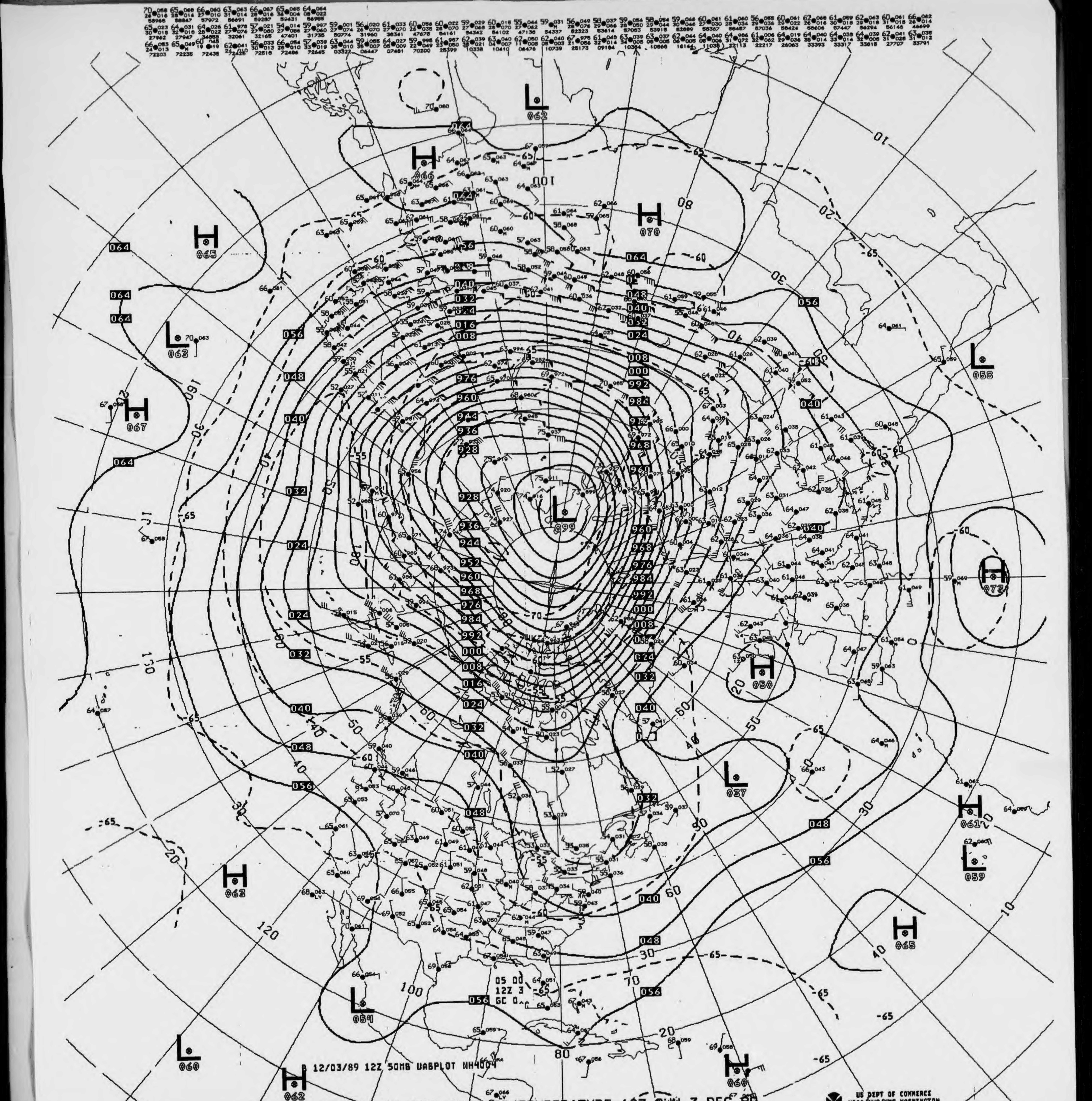
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 1 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/02/89 12Z 50MB UABPLOT NH4004
05 00
12Z 2
GC 0..

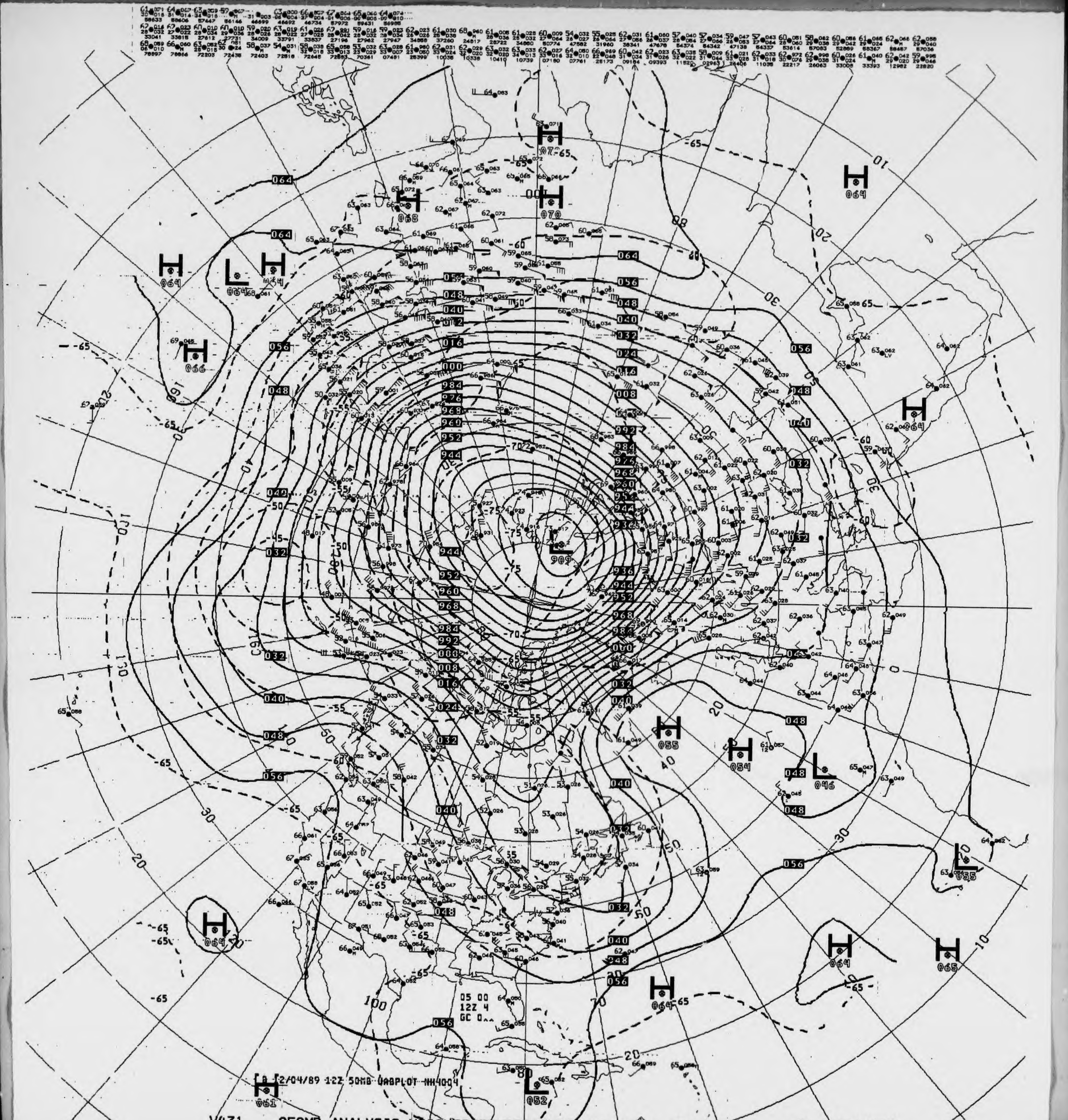
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 2 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


12/03/89 12Z 50MB UABPLOT NH4004
05 00
12Z 3
GC 0
L 062
H 066
H 070
H 065
L 063
H 067
L 899
H 073
L 058
H 050
L 037
H 061
L 059
H 065
H 062
L 054
L 060
H 062
H 060

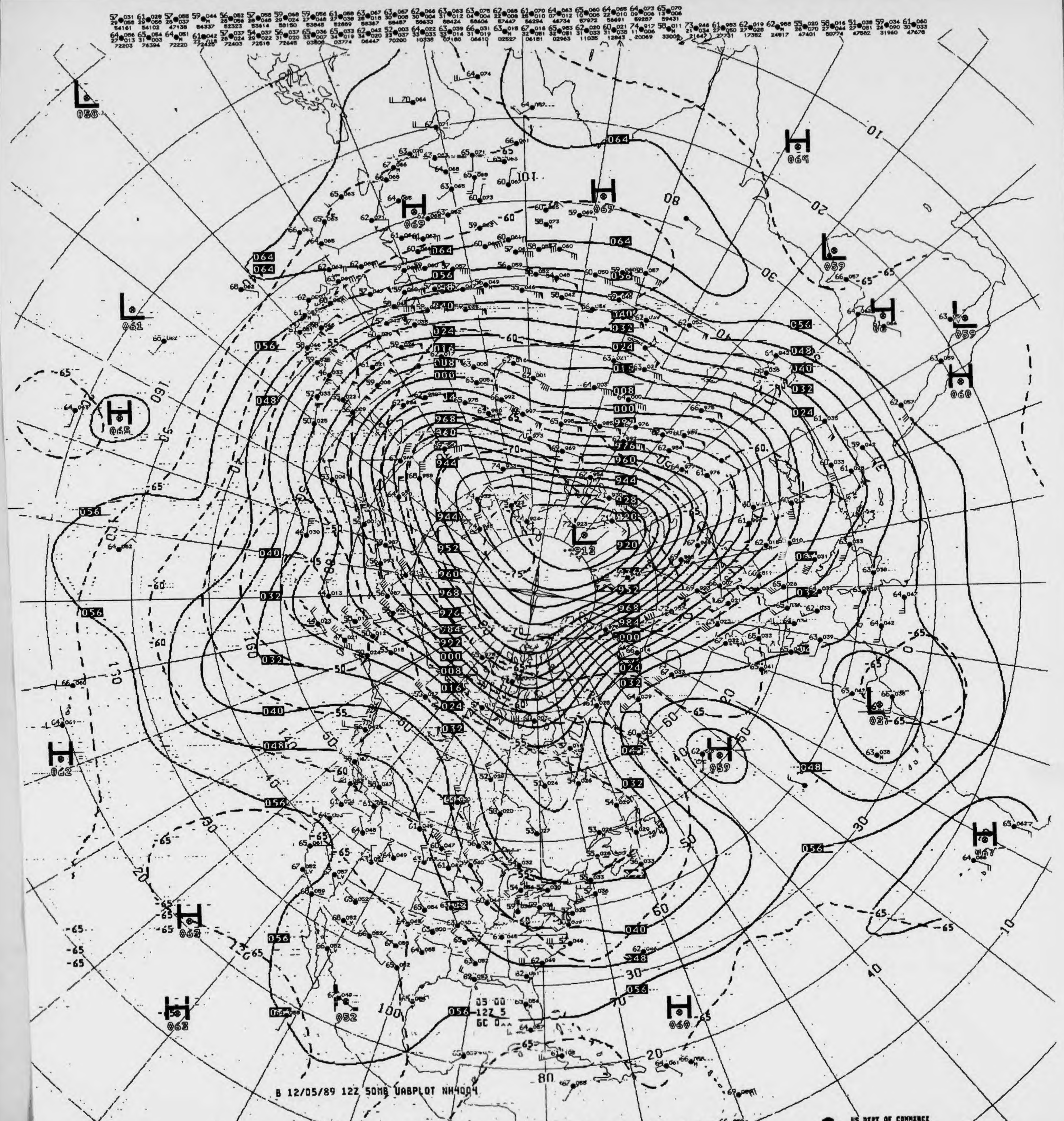
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


12/04/89 12Z 50MB UABPLOT NH4004
05 00
12Z 4
H
L
909
064
056
048
040
032
024
016
008
000
992
984
976
968
960
952
944
936
-65
-75
-70
-55
-50
10
20
30
40
50
60
70
80
100

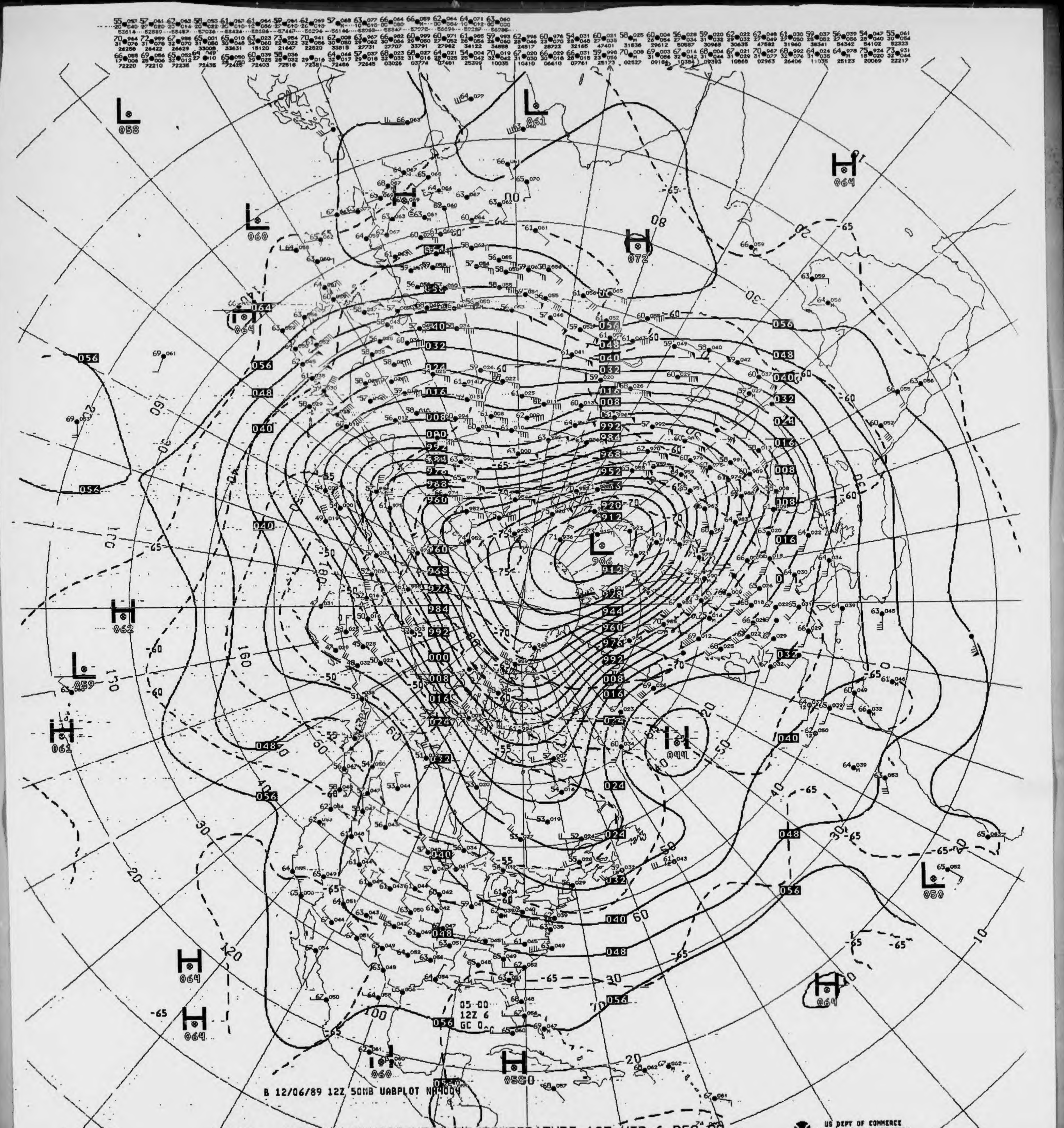
V431 .. 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/05/89 12Z 50MB UABPLOT NH4004
05 00
12Z 5
GC 0
L 912
H
L
064
056
048
040
032
024
016
008
000
992
984
976
968
960
952
944
928
920

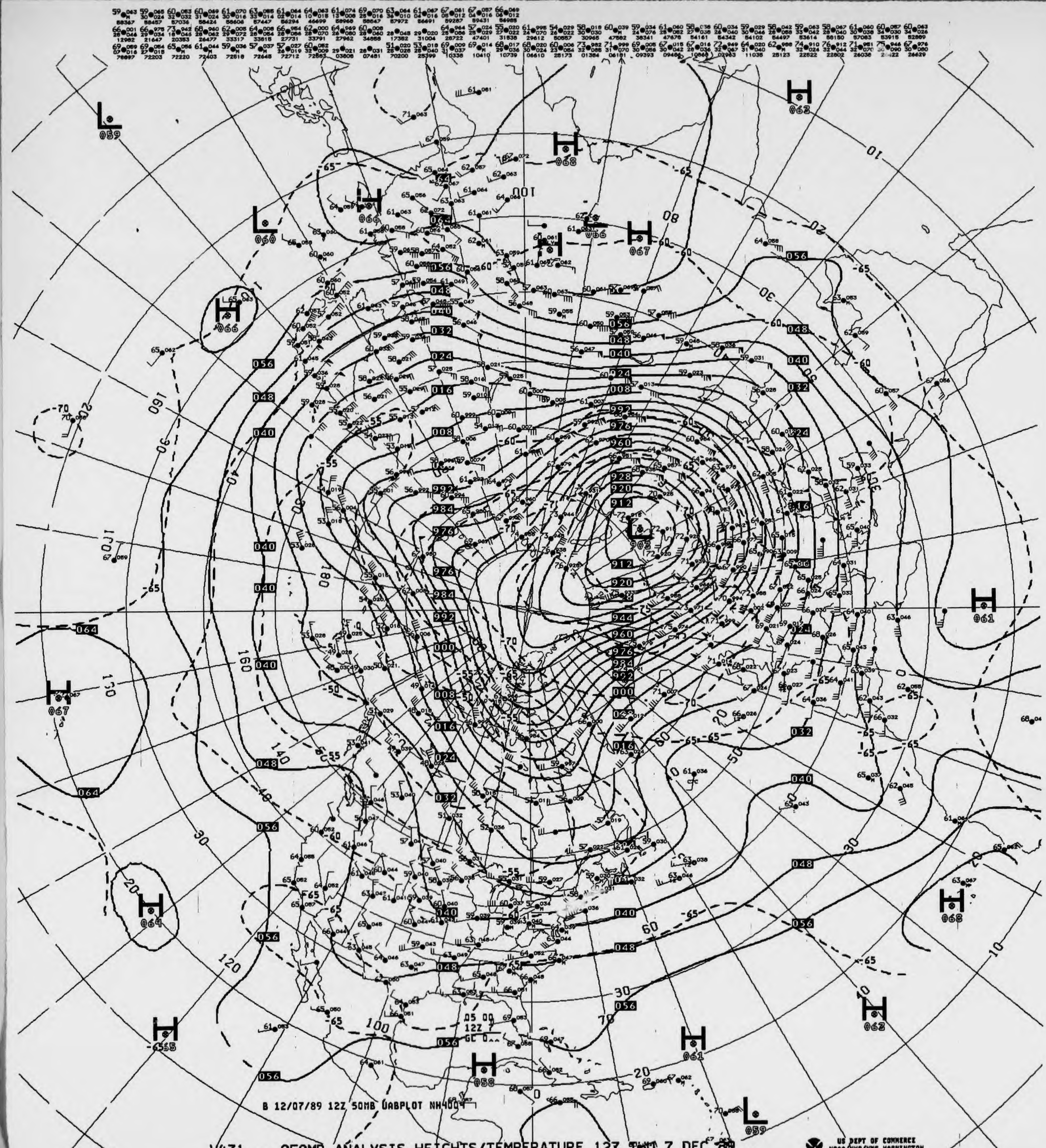
V431 ... 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

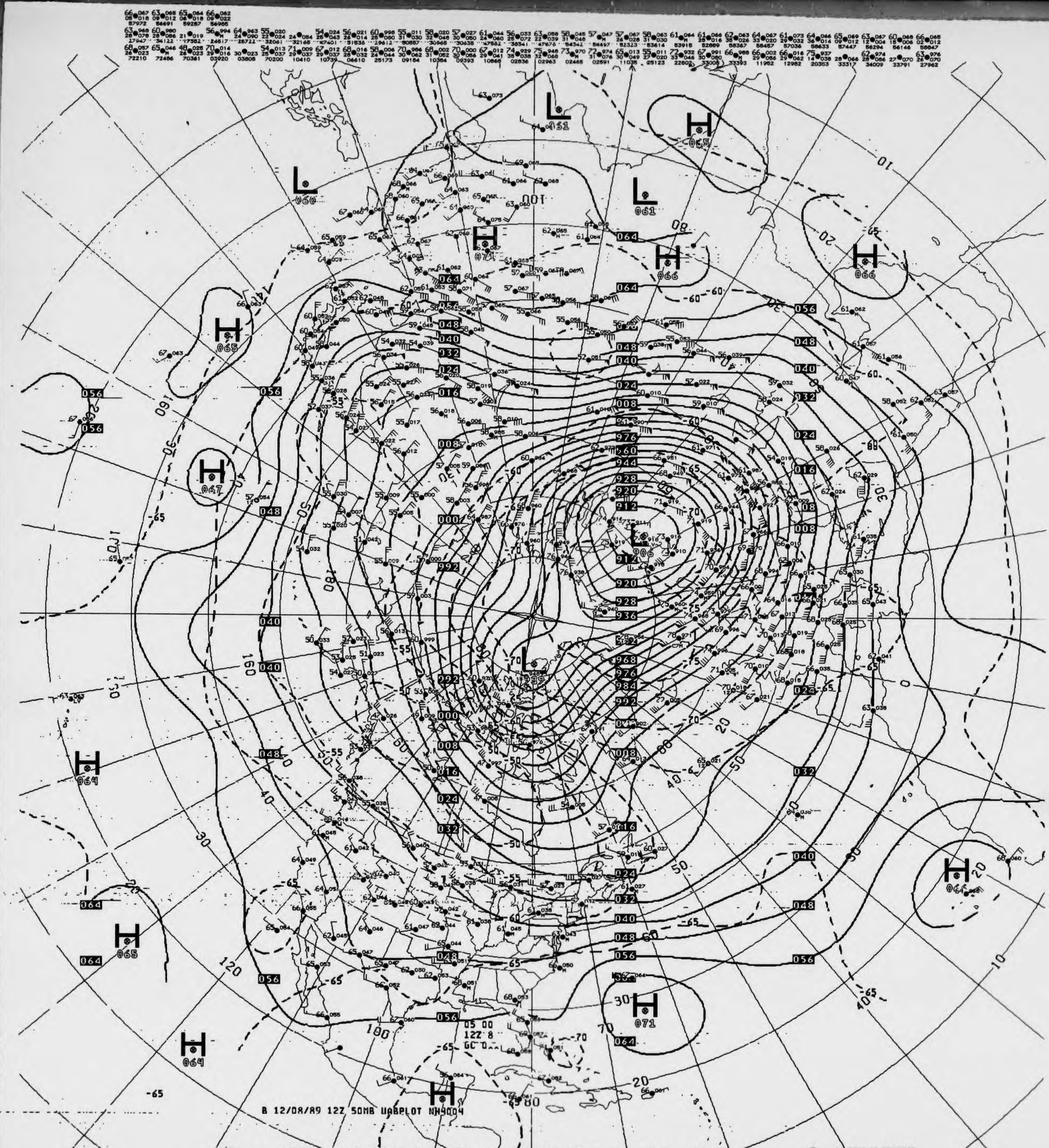

B 12/06/89 12Z 50MB UABPLOT NH4004
05-00
12Z 6
L 058
L 061
H 064
L 060
H 072
L 064
H 062
L 059
H 061
L 906
H 044
L 050
H 064
H 064
H 064
H 060
H 058

V43I .. 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 6 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

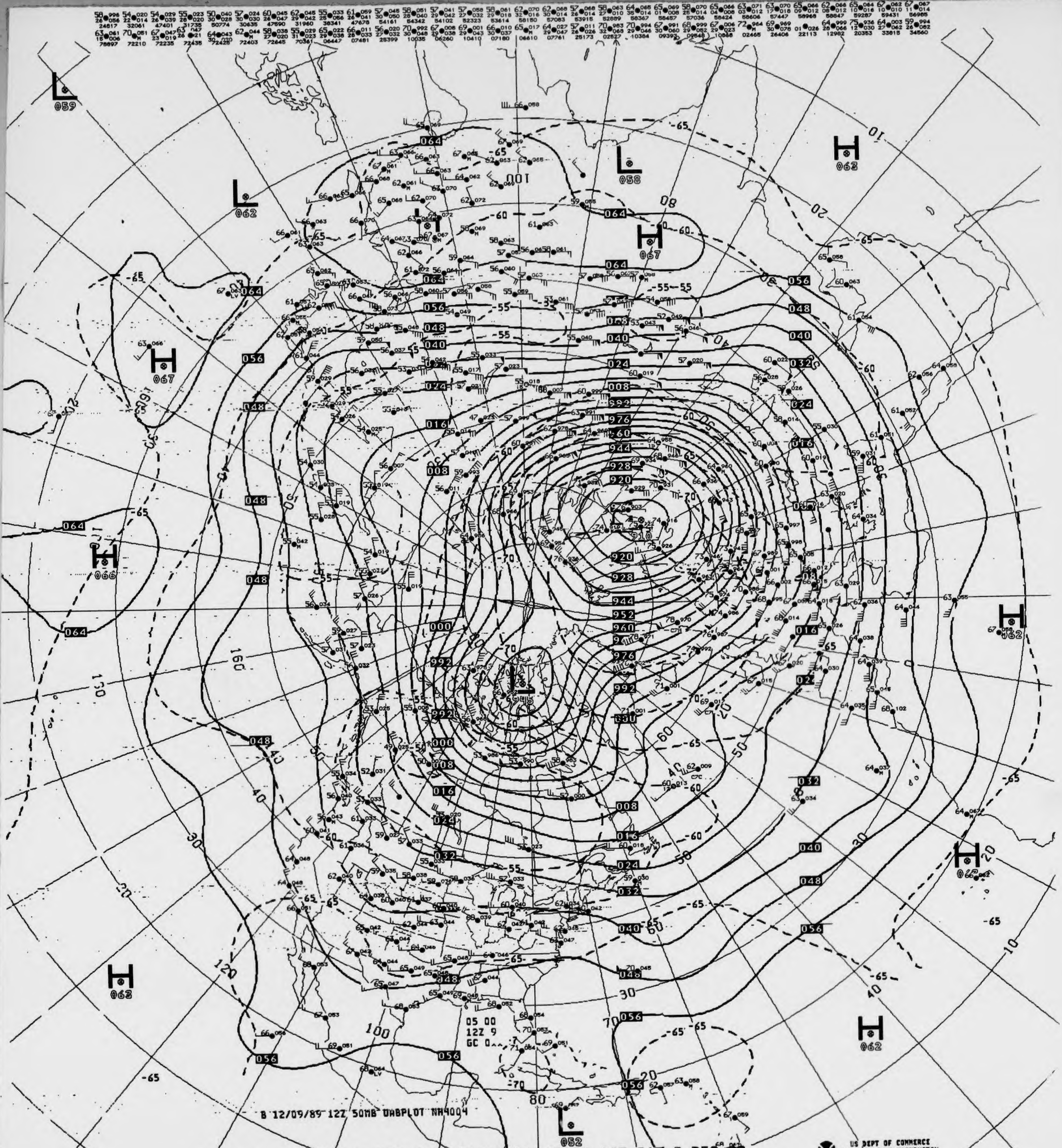

B 12/07/89 12Z 50MB UABPLOT NH4004
H
L
902
05 00
12Z
GC 0
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V431 .. 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 7 DEC 89


B 12/08/89 12Z 50MB UABPLOT NH9004
05 00
12Z 8
L
H
906

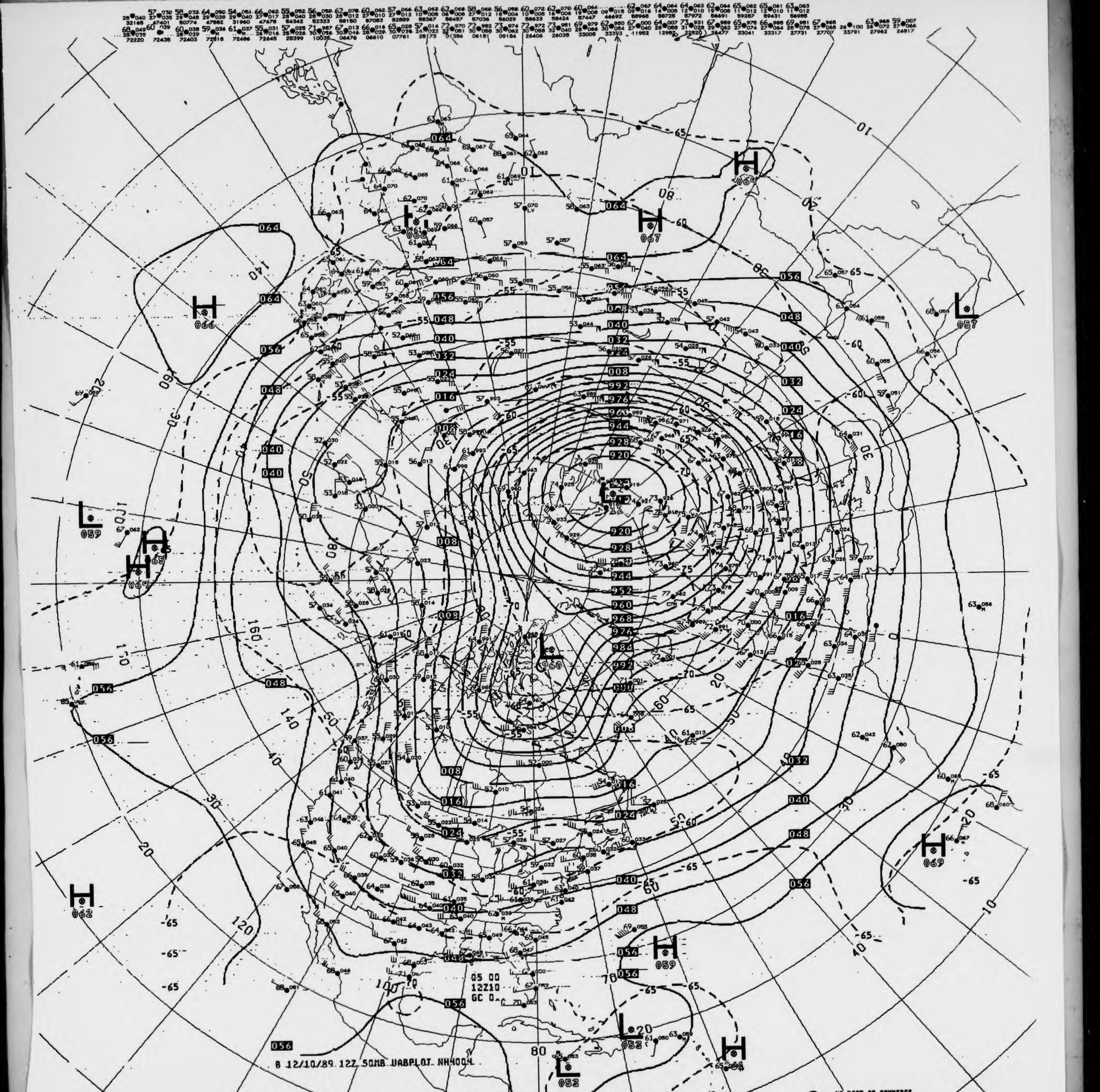
V431 .. 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


05 00
12Z 9
GC 0^^
B 12/09/89 12Z 50MB UABPLOT NH4004
L 059
L 062
L 058
H 063
H 067
H 067
H 066
H 062
H 062
H 063
H 062
L 045
L 052
064
056
048
040
032
024
016
008
000
992
976
960
944
928
920
-55
-60
-65
-70

V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 9 DEC 89

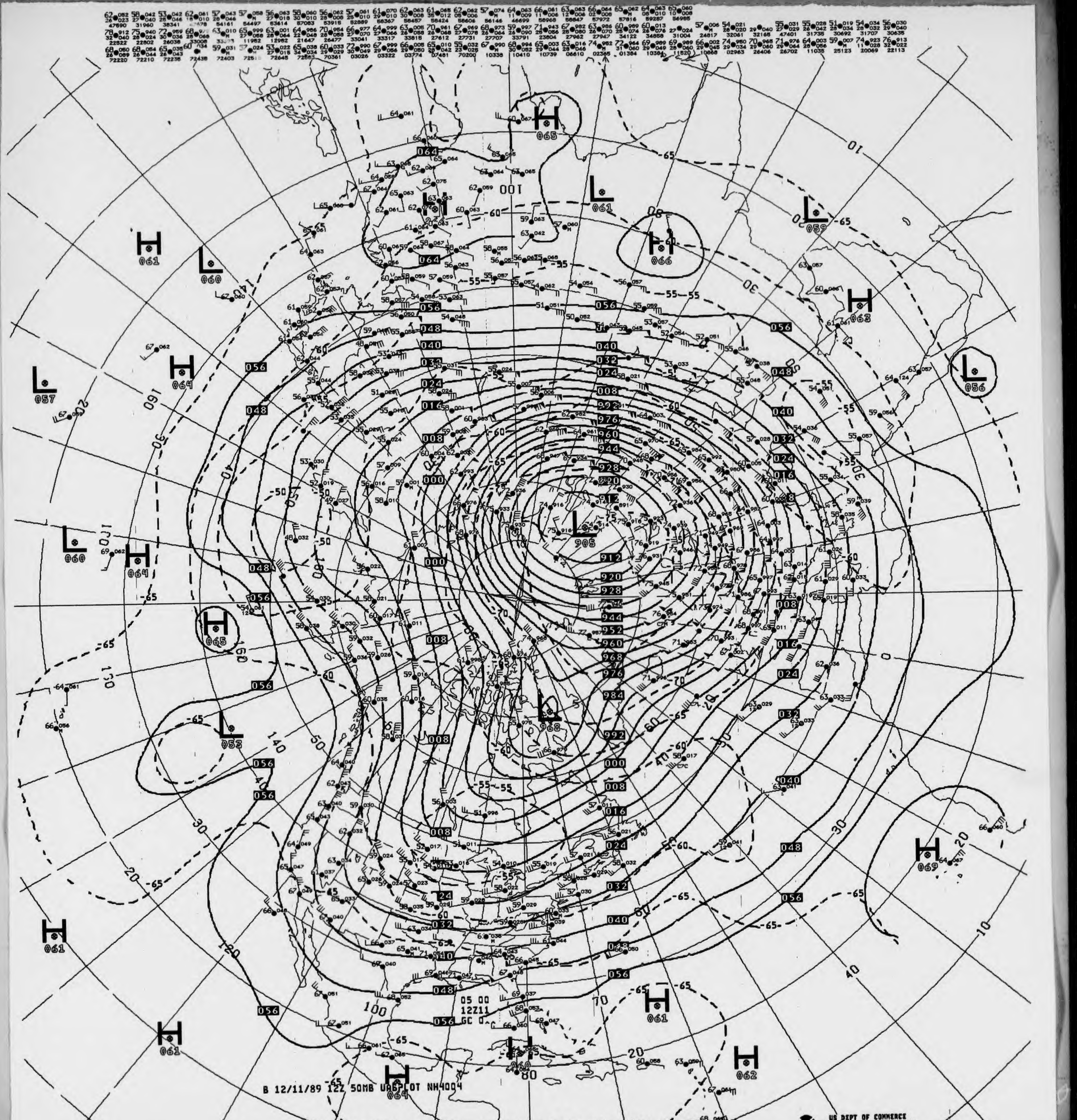
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/10/89 12Z 50MB UABPLOT NH4004
05 00
12Z10
GC 0
H
064
H
067
H
066
L
057
L
059
H
065
H
064
L
912
L
960
H
069
H
062
H
059
L
053
L
052
H
064
064
056
048
040
032
024
016
008
992
976
968
960
952
944
928
920
-55
-60
-65
-70
-75
10
20
30
40
50
60
70
80
100
120
140
160
170

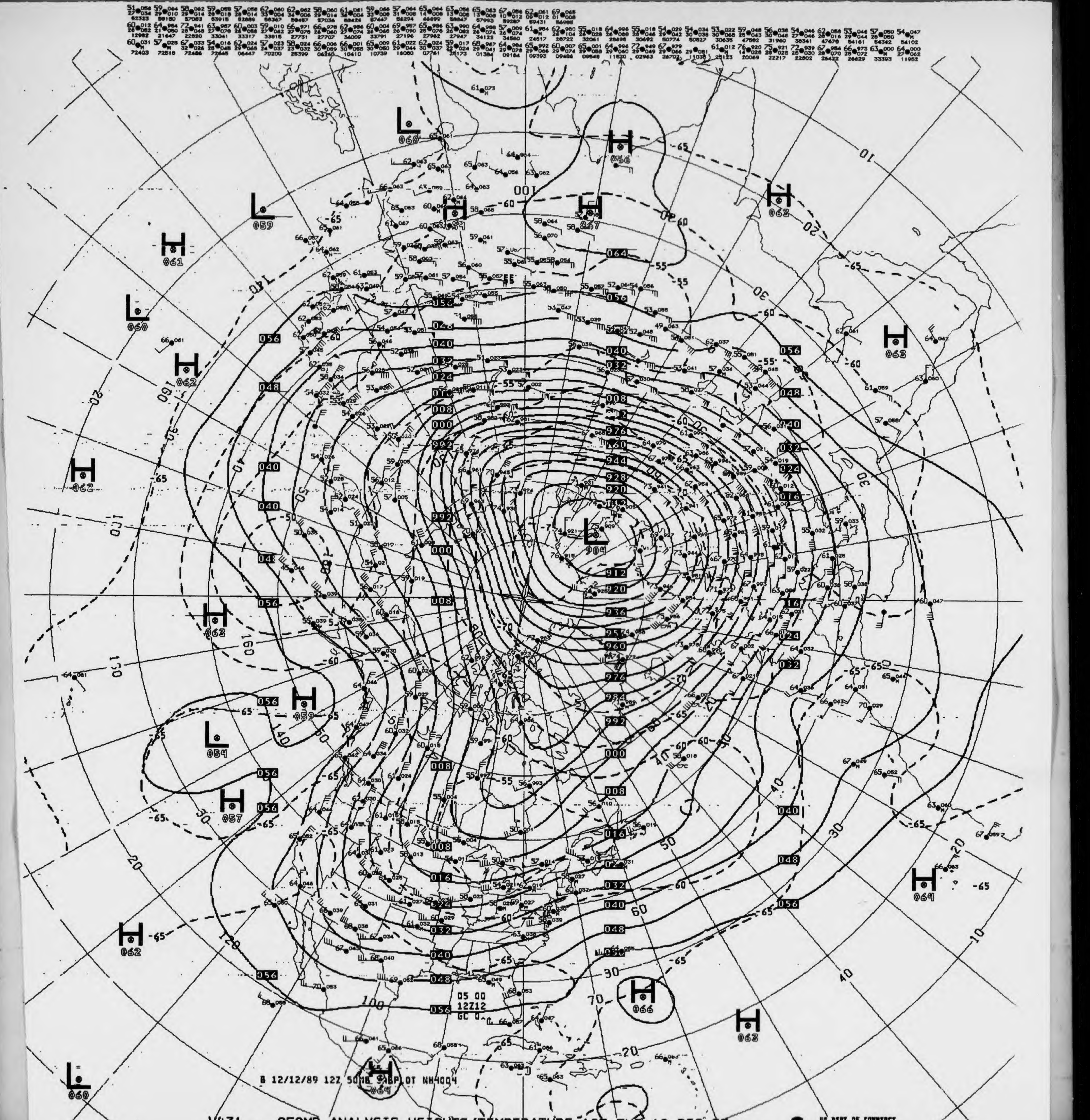
V431 .. 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 10 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/11/89 12Z 50MB UA PLOT NH4004
05 00
12Z11
GC 0

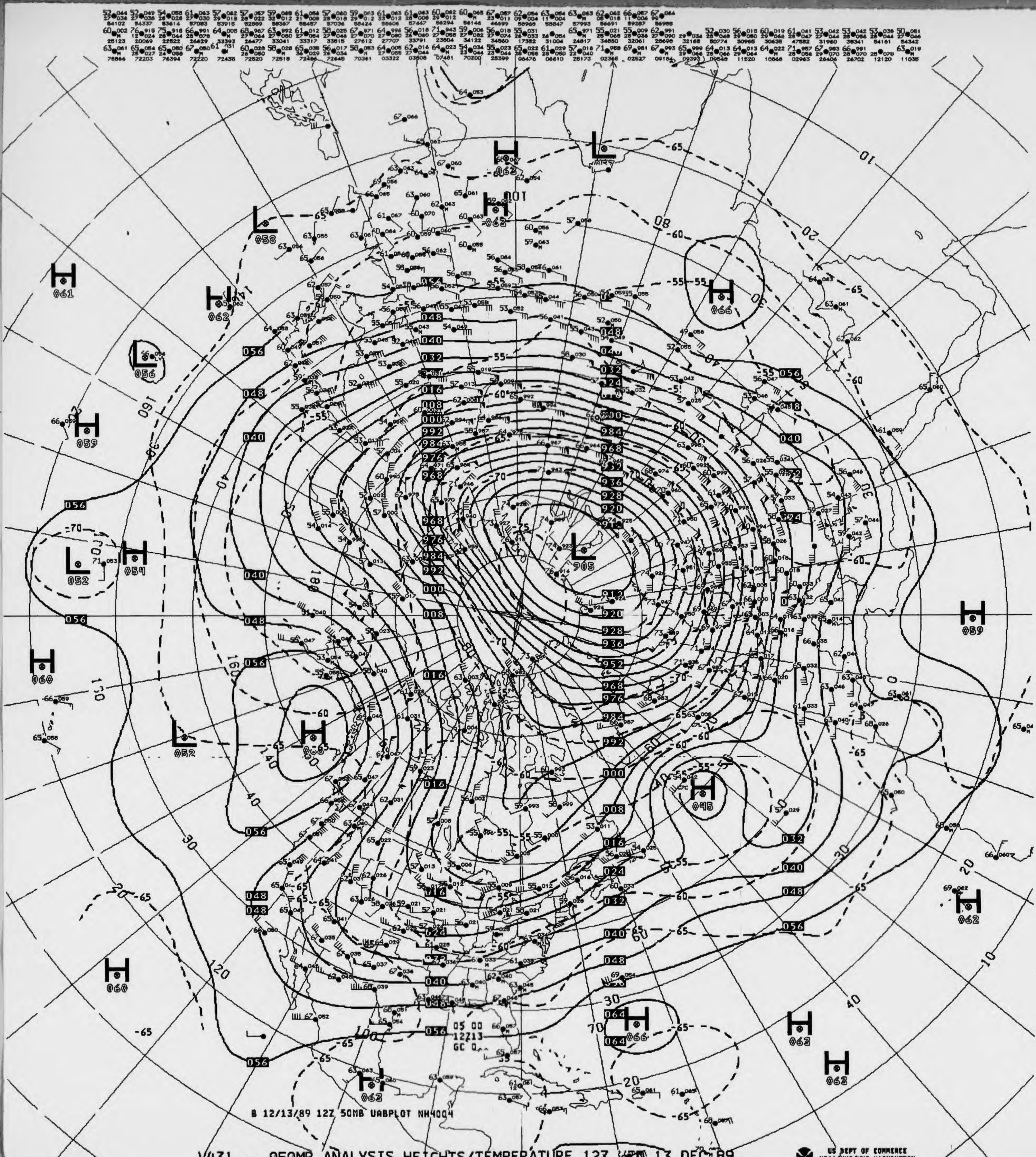
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/12/89 12Z 50MB S.BPLOT NH4004
05 00
12Z12
GC 0
L 904
H
L

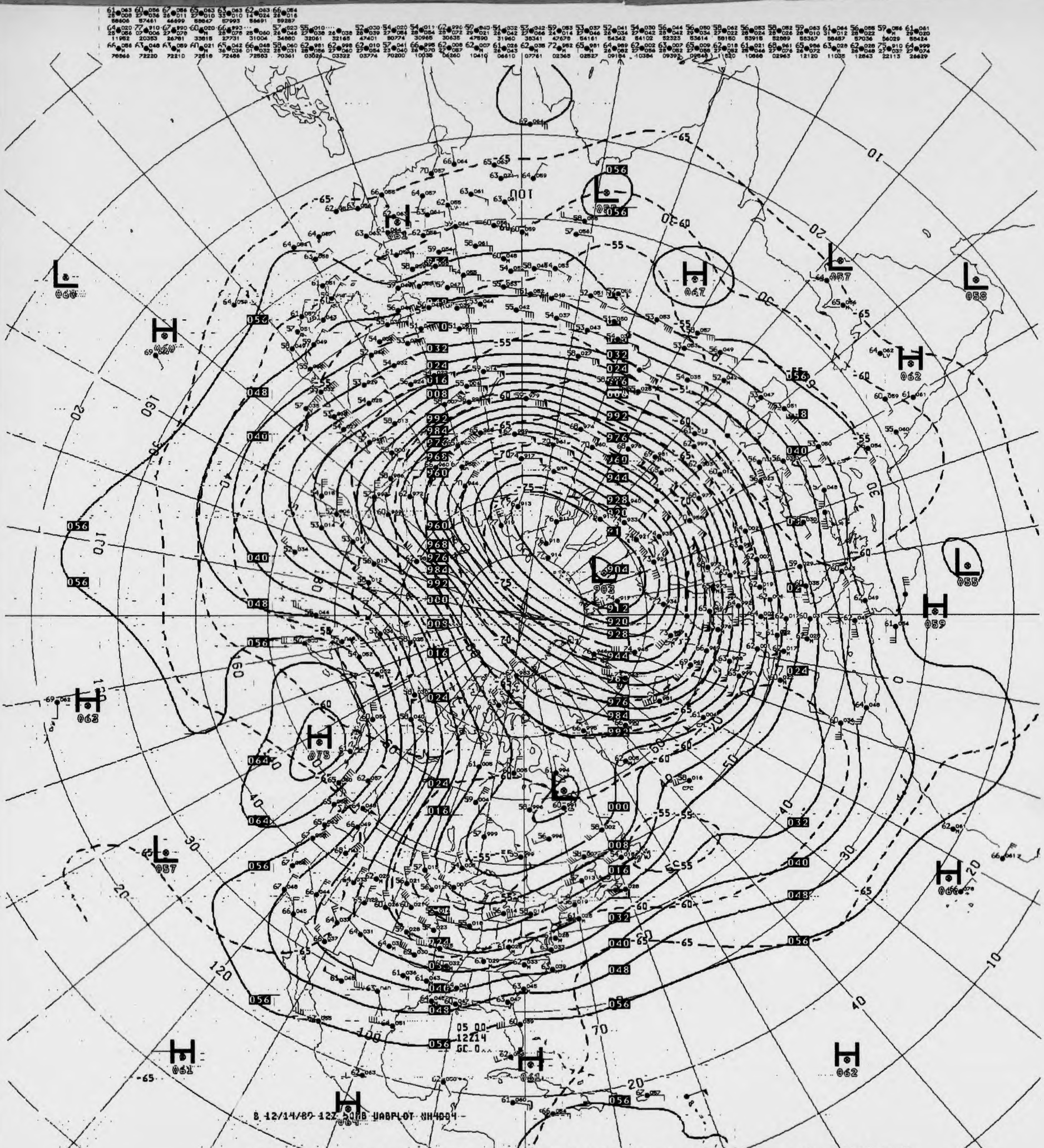
V431 .. 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 12 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/13/89 12Z 50MB UABPLOT NH4004
05 00
12Z13
GC 0
L 905
H 066
H 045
H 059
H 062
H 063
H 060
H 061
H 054
L 052
L 058
L 056

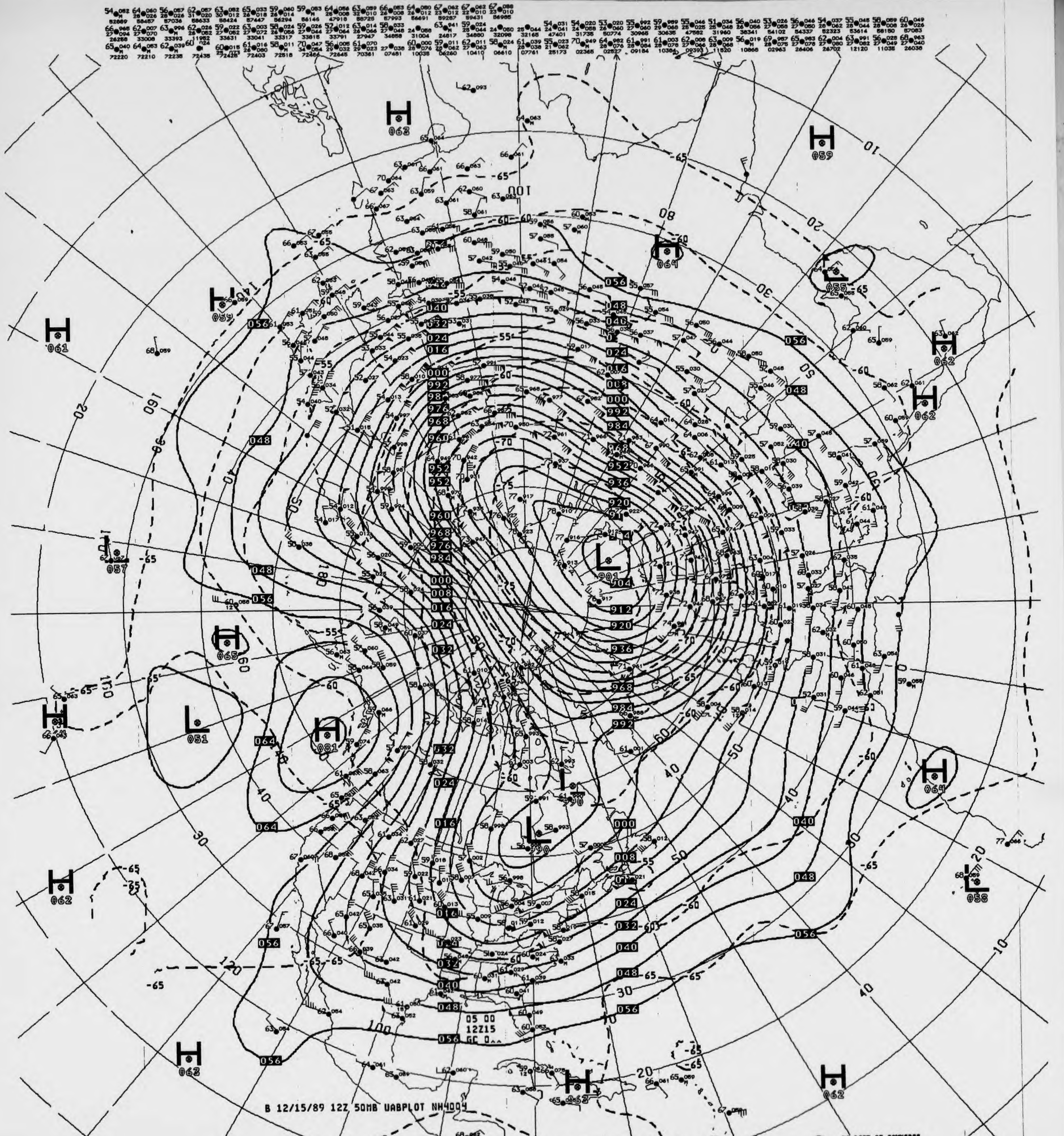
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 13 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


8 12/14/89 12Z 50MB UABPLOT NH4004
05 00
12Z14
GC 0

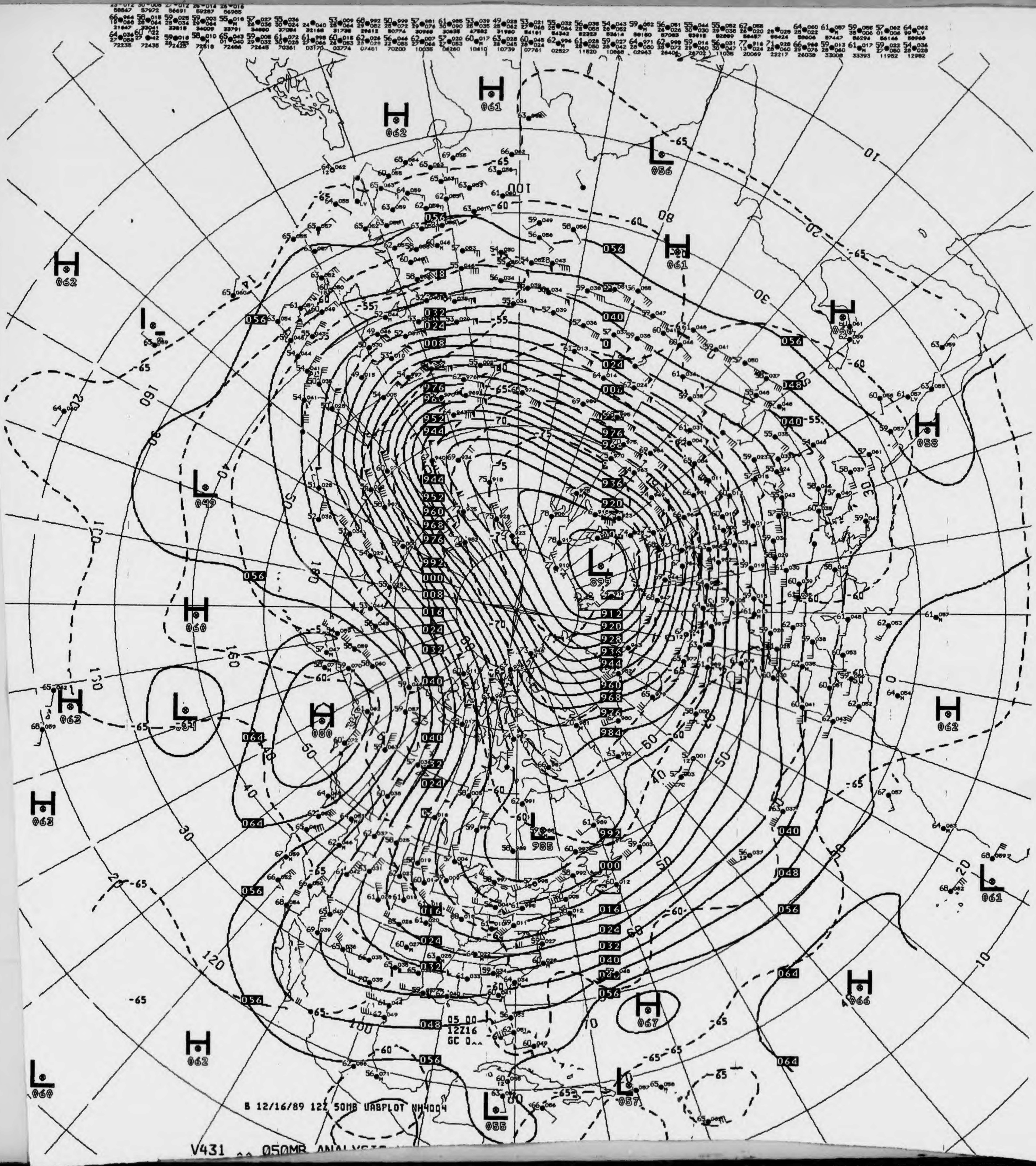
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 14 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/15/89 12Z 50MB UABPLOT NH4004
05 00
12Z15
GC 0
H 062
H 059
H 061
H 057
H 065
L 051
H 081
H 062
H 063
H 062
L 901
H 064
L 058
L 055
H 062

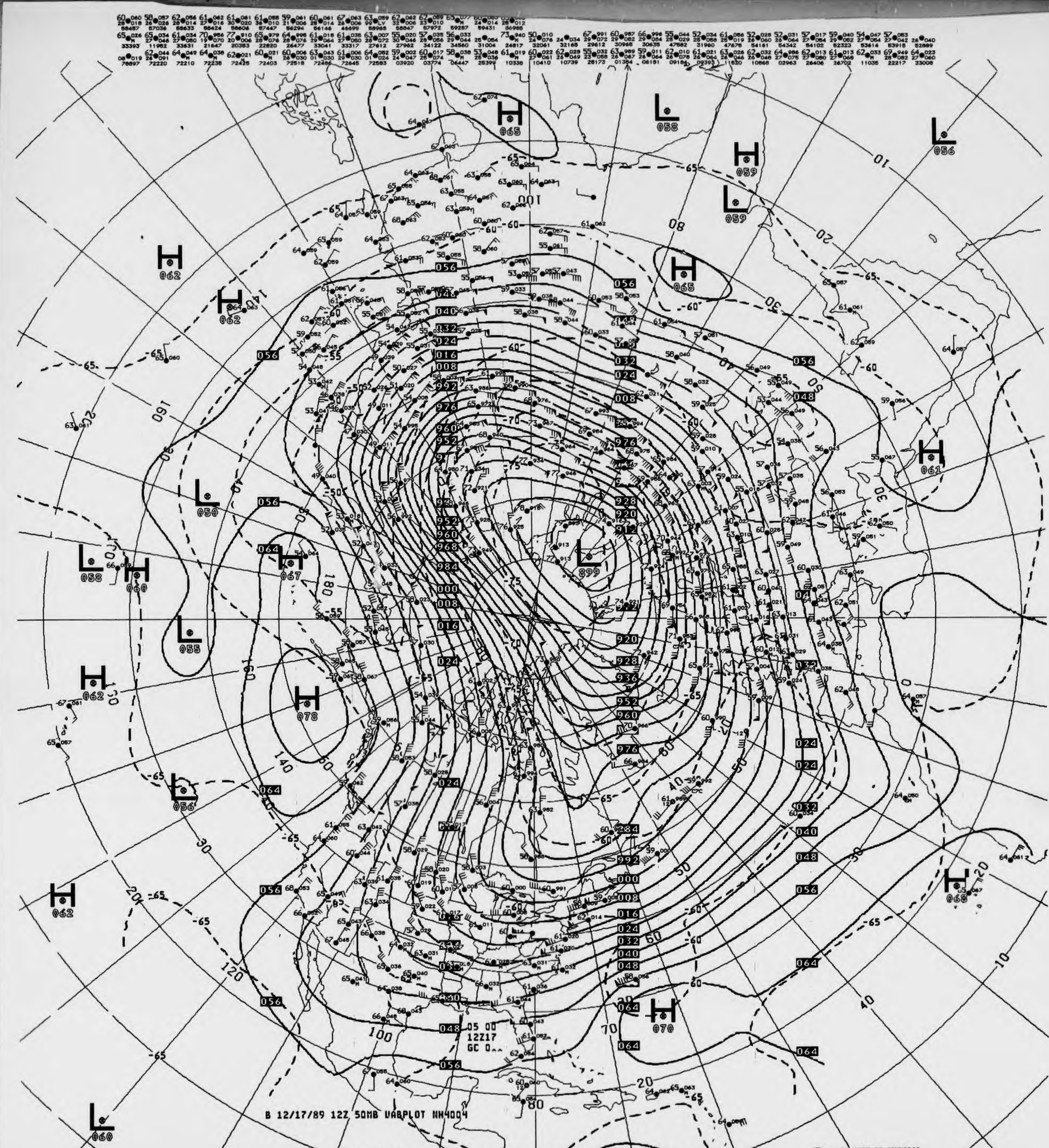
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 15 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 062
H 061
L 056
H 061
H 062
L 049
H 060
H 062
L 051
H 080
H 063
H 058
H 062
L 899
L 985
L 061
H 067
H 066
H 062
L 060
L 055
L 057
05 00
12Z16
GC 0^^

B 12/16/89 12Z 50MB UABPLOT NH4004

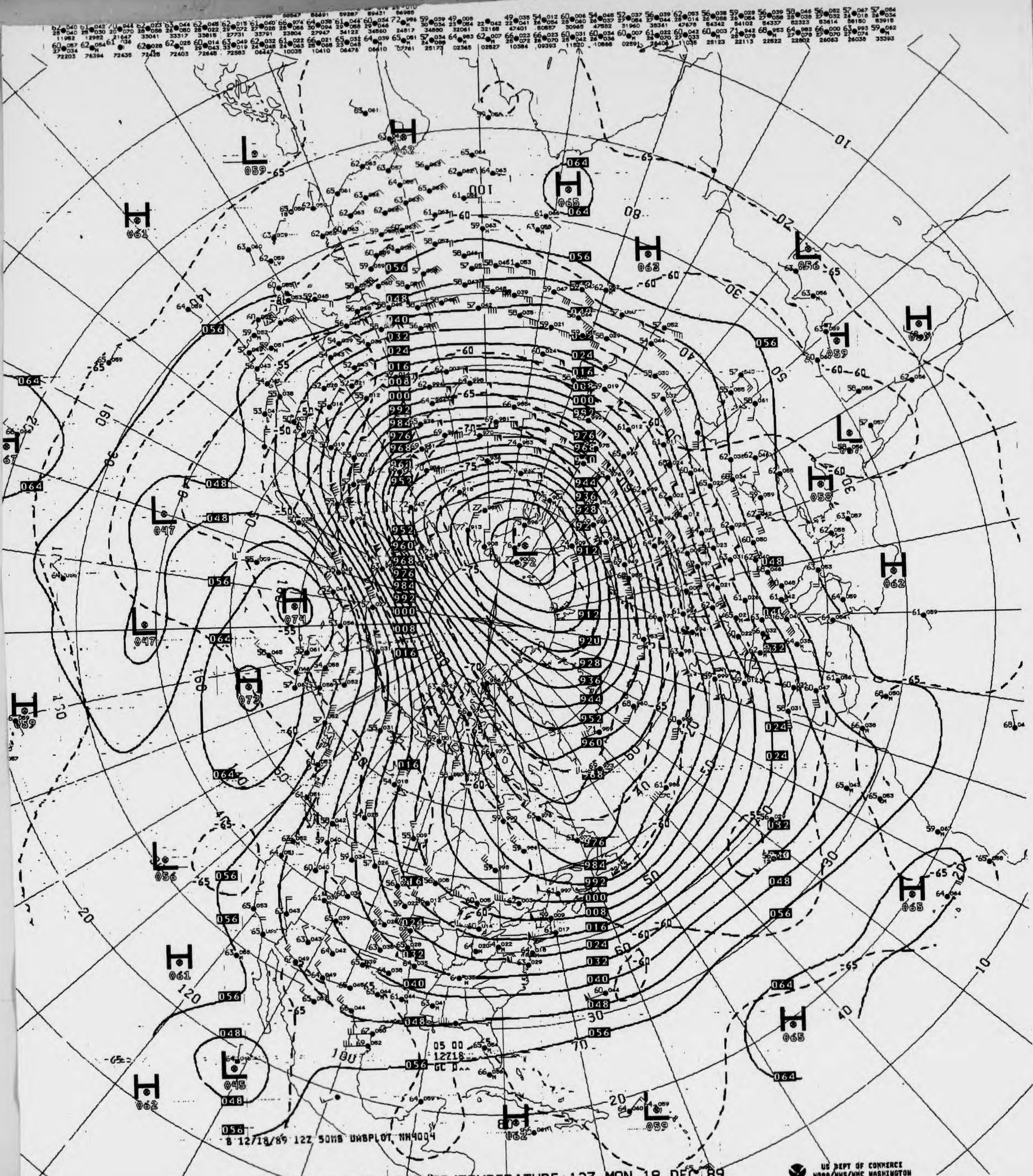
V431 ^^ 050MB ANALYSIS



B 12/17/89 12Z 50MB VARPLOT NH4004
05 00
12Z17

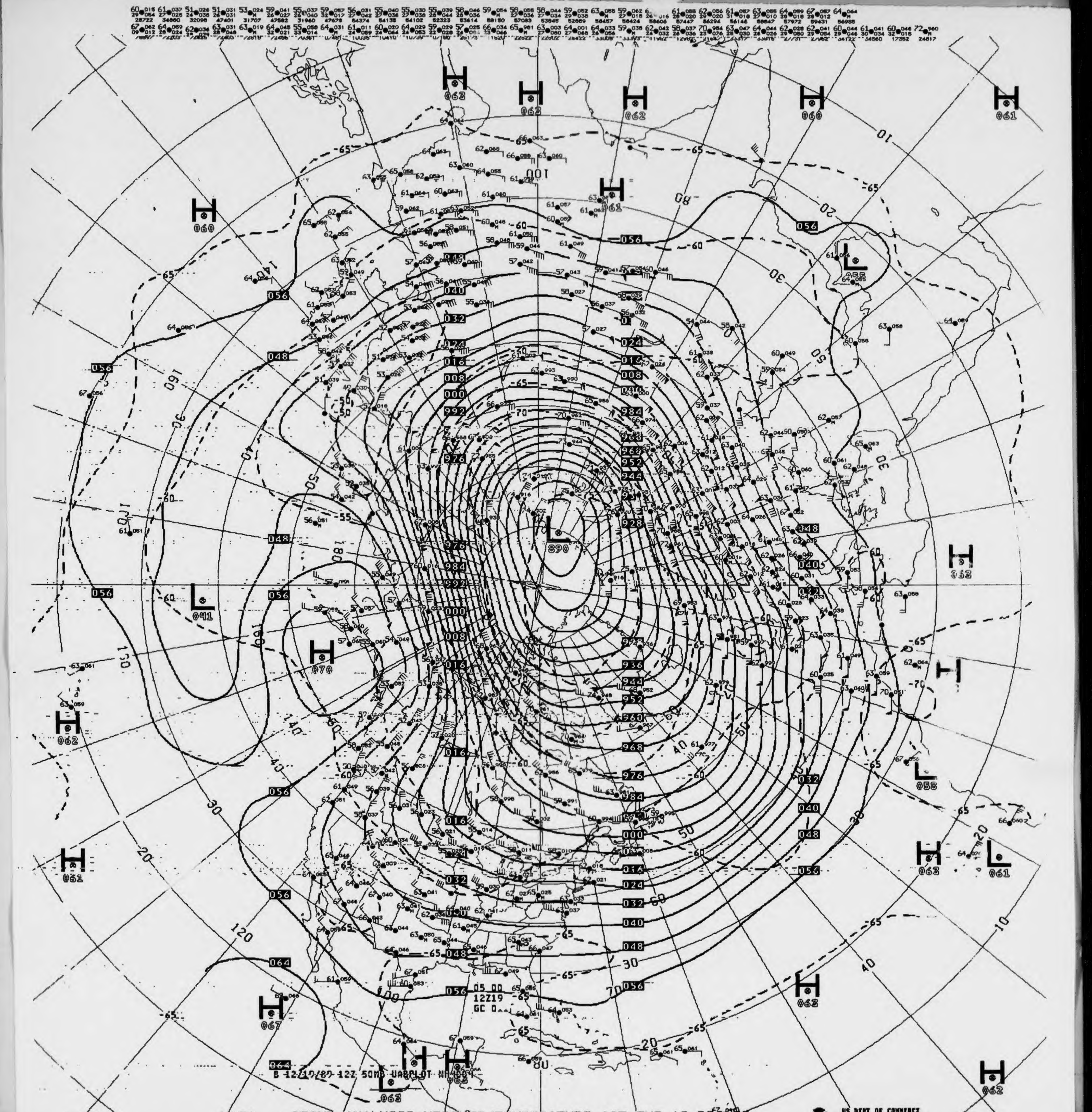
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 17 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/18/89 12Z 50MB UABPLOT NH4004
05 00
12Z18
GC D^^

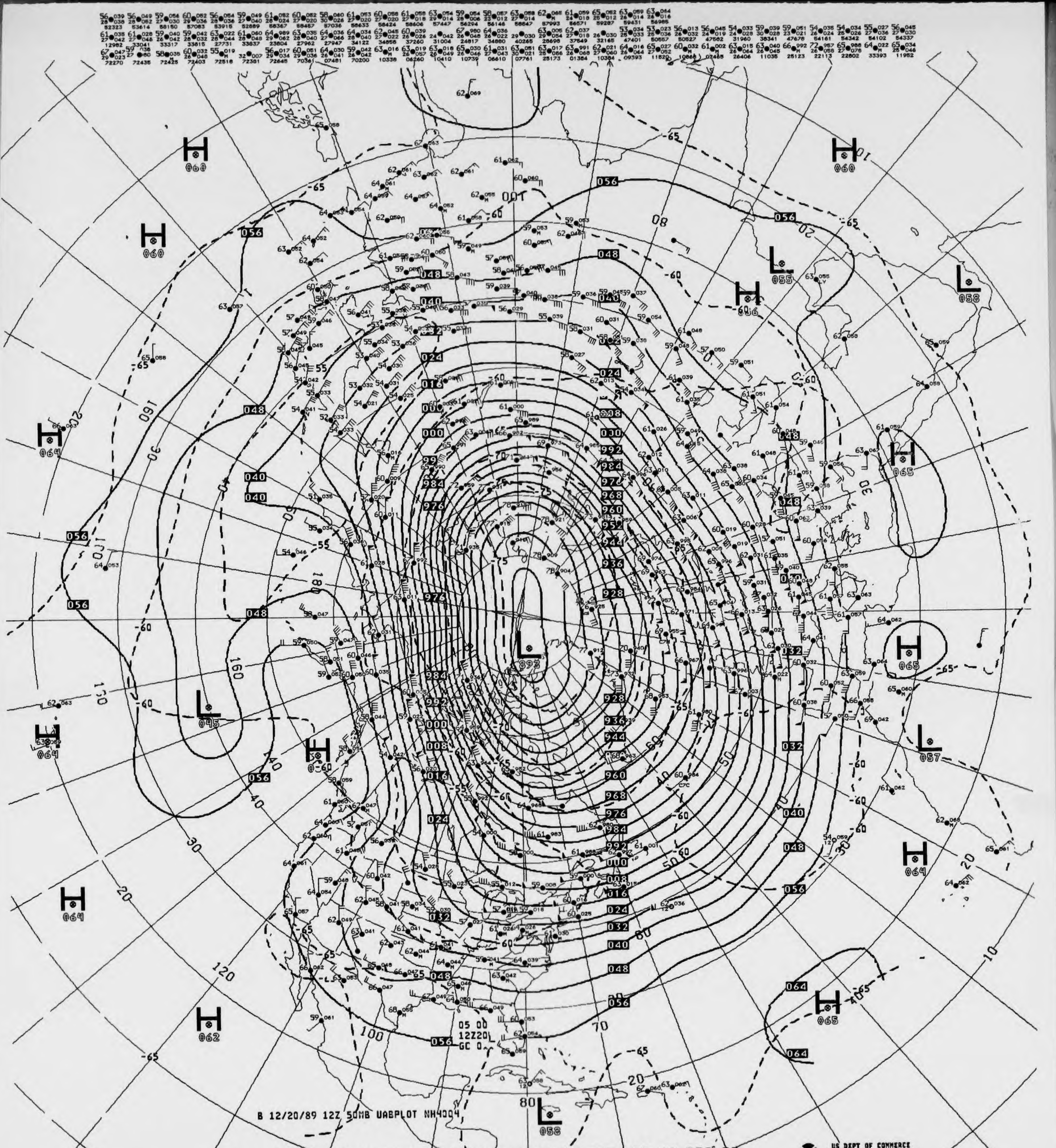
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 18 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/19/89 12Z 50MB UABPLOT NH4004
05 00
12Z19
GC 0
L 890
H 079
L 041
H 063
H 062
H 060
H 061
H 067
L 058
L 061
L 063

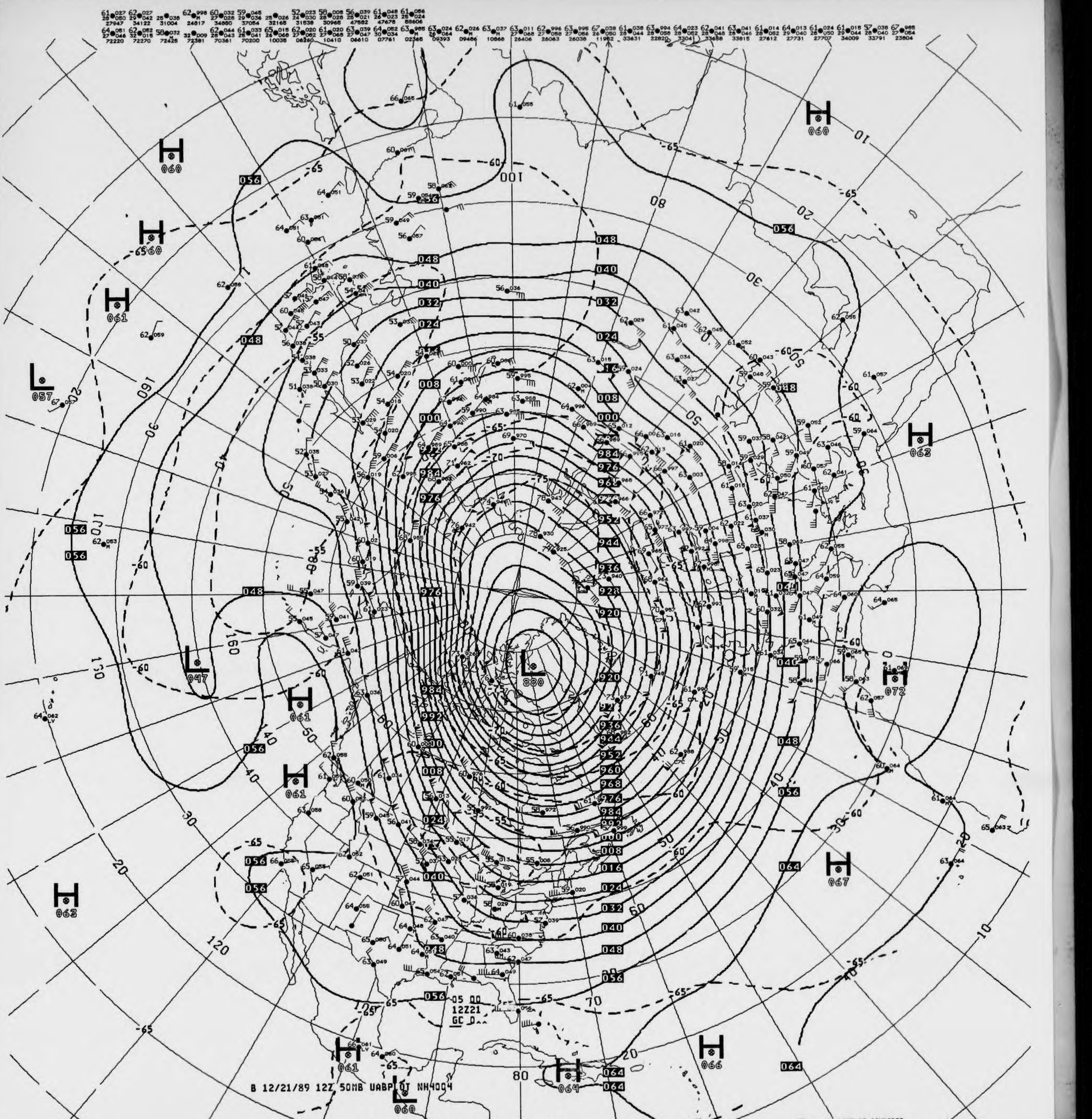
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/20/89 12Z 50MB UABPLOT NH4004
05 00
12Z20
GC 0

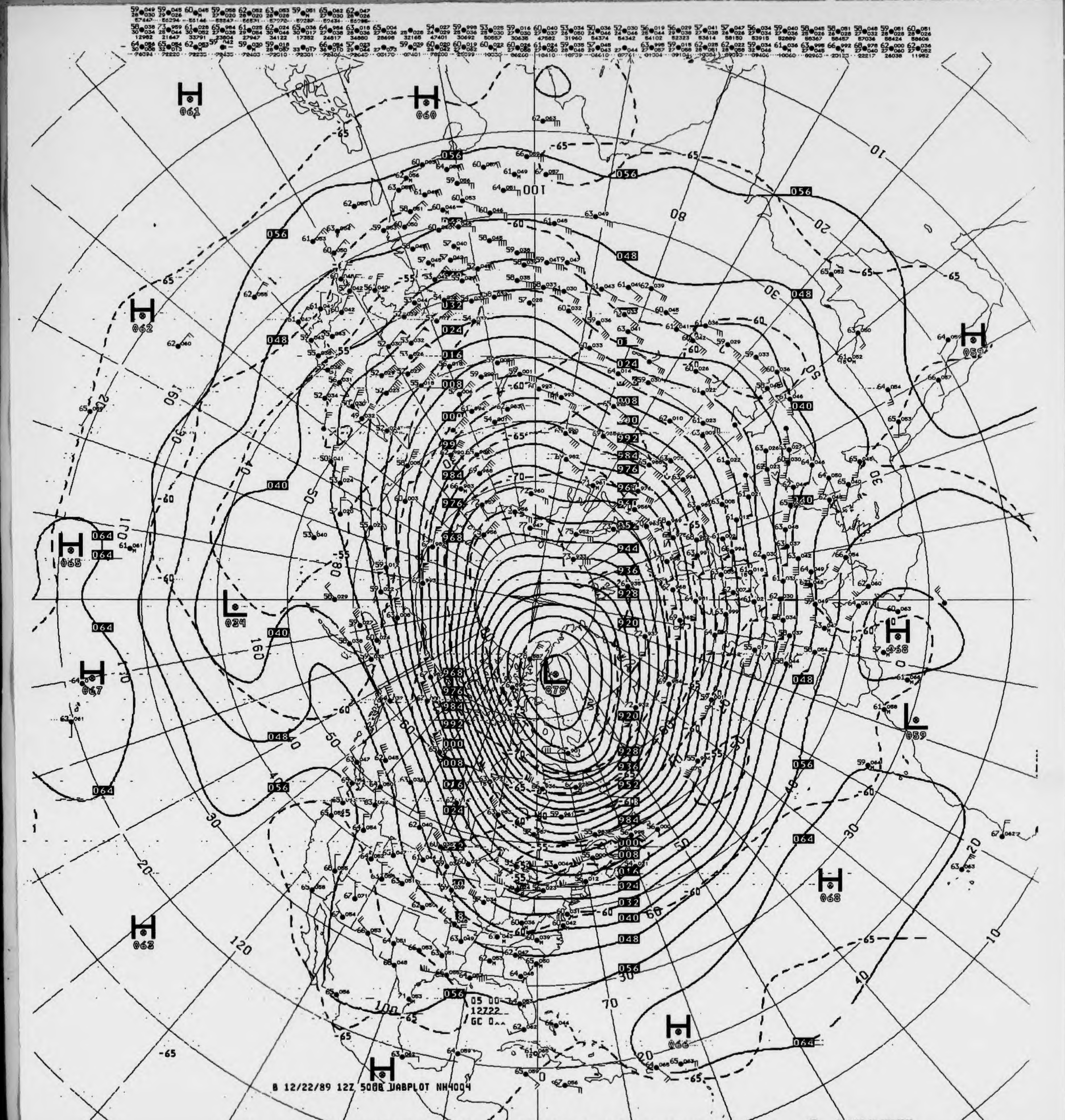
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/21/89 12Z 50MB UABPLOT NH4004
05 00
12Z21
L 880
L 047
L 057
L 060
H 060
H 061
H 063
H 064
H 066
H 067
H 072
H 090
80
100
70
120
130
160

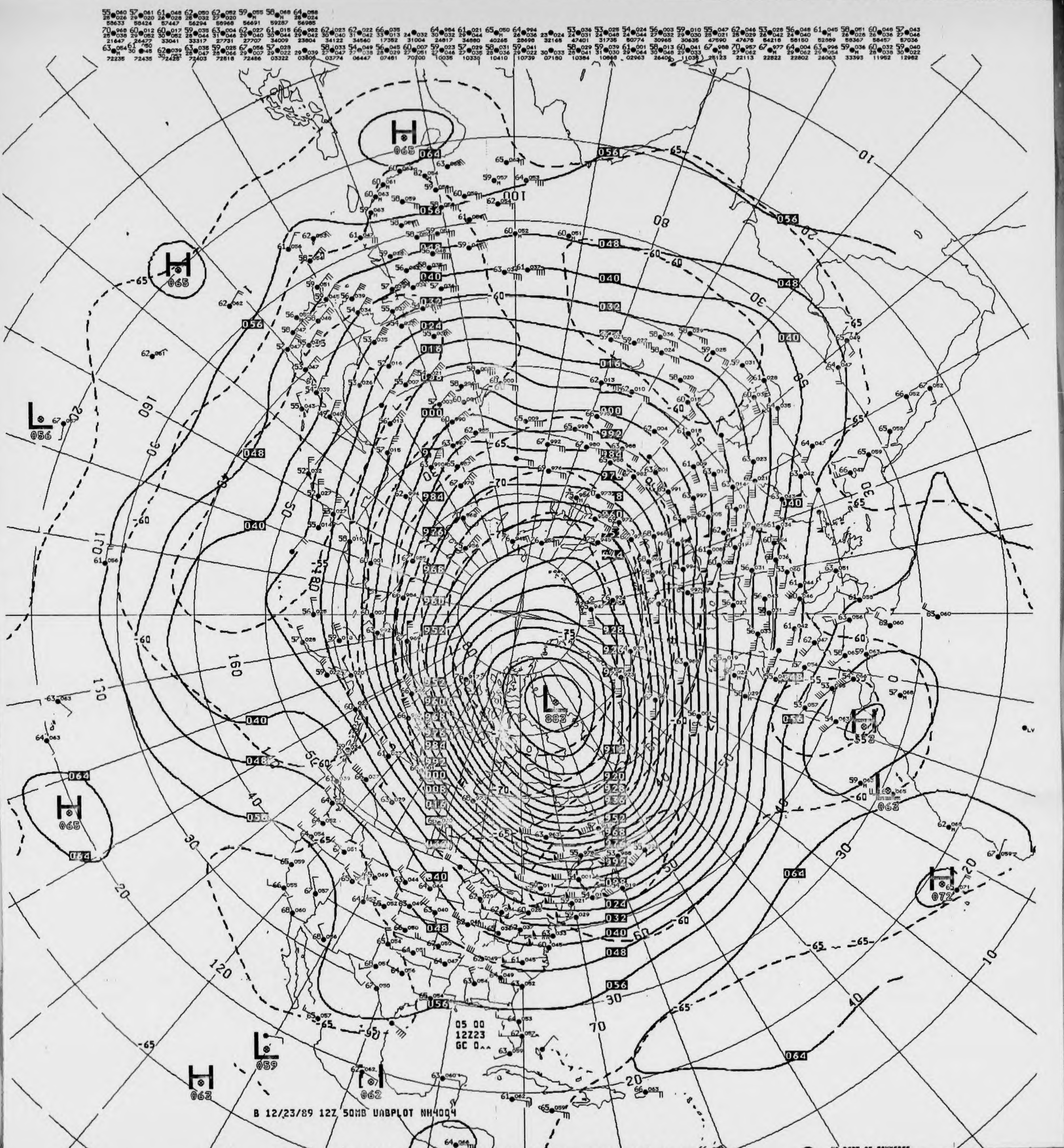
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 21 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 061
H 060
H 062
H 065
H 067
H 063
L 034
L 878
H 059
H 058
L 059
H 068
H 066
B 12/22/89 12Z 500B UABPLOT NH4004

V431 ... 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 22 DEC 89

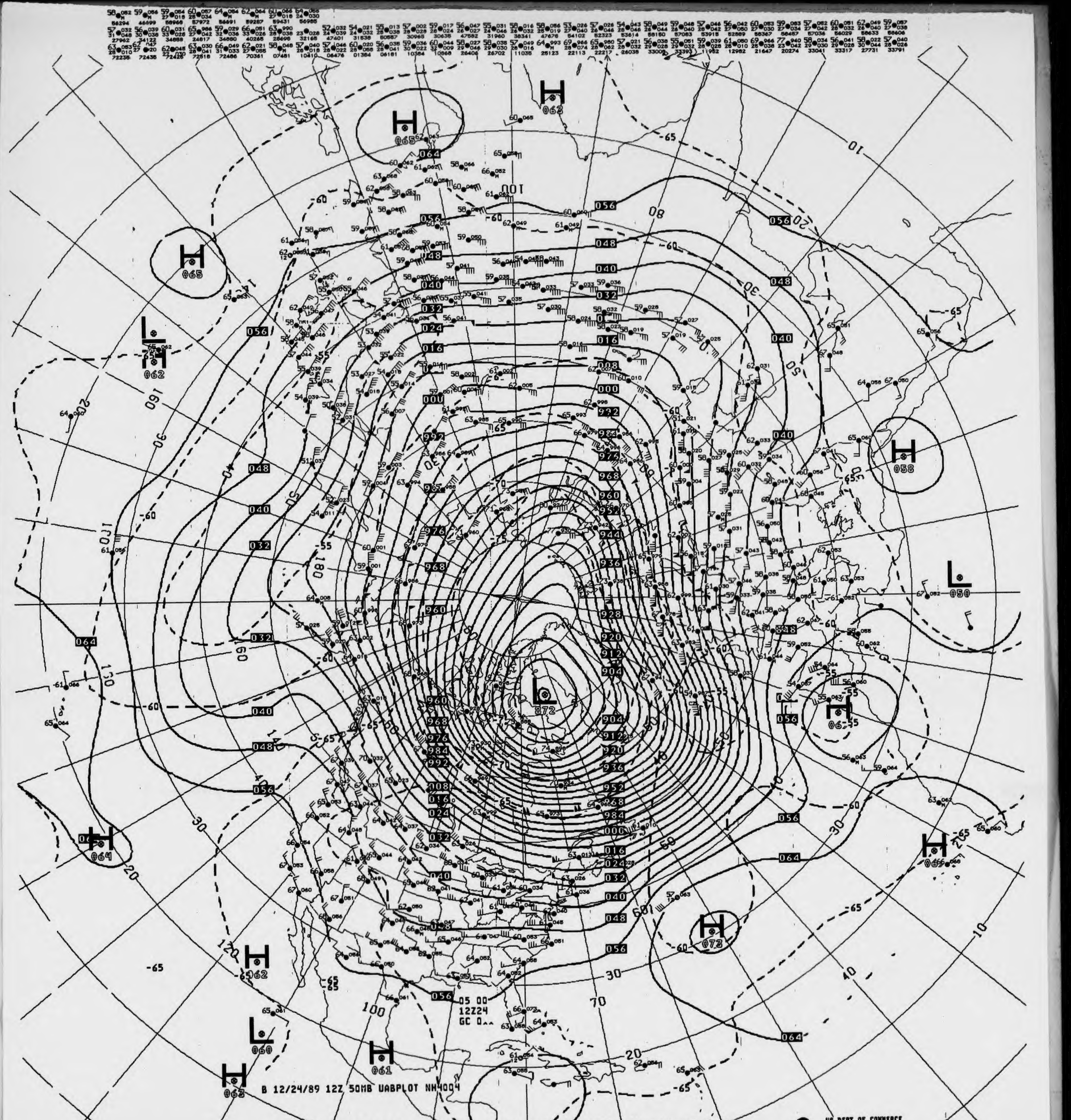
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



05 00
12Z23
GC 0^^
B 12/23/89 12Z 50MB UABPLOT NH4004
H 065
H 065
L 056
H 065
L 883
L 059
H 063
062
553
063
H 072

V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 23 DEC 89

US DEPT OF COMMERCE



B 12/24/89 12Z 50MB UABPLOT NH4004
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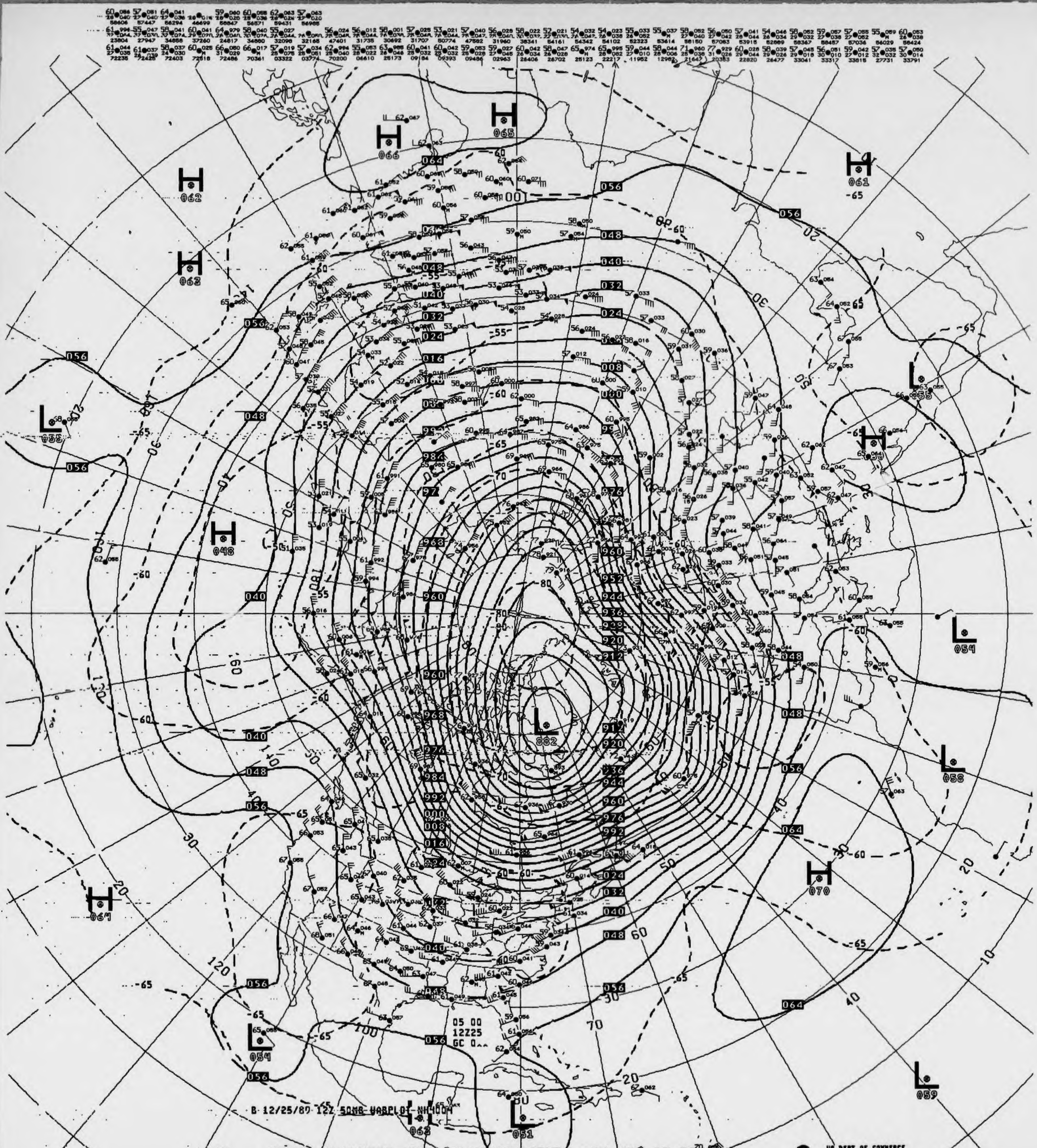
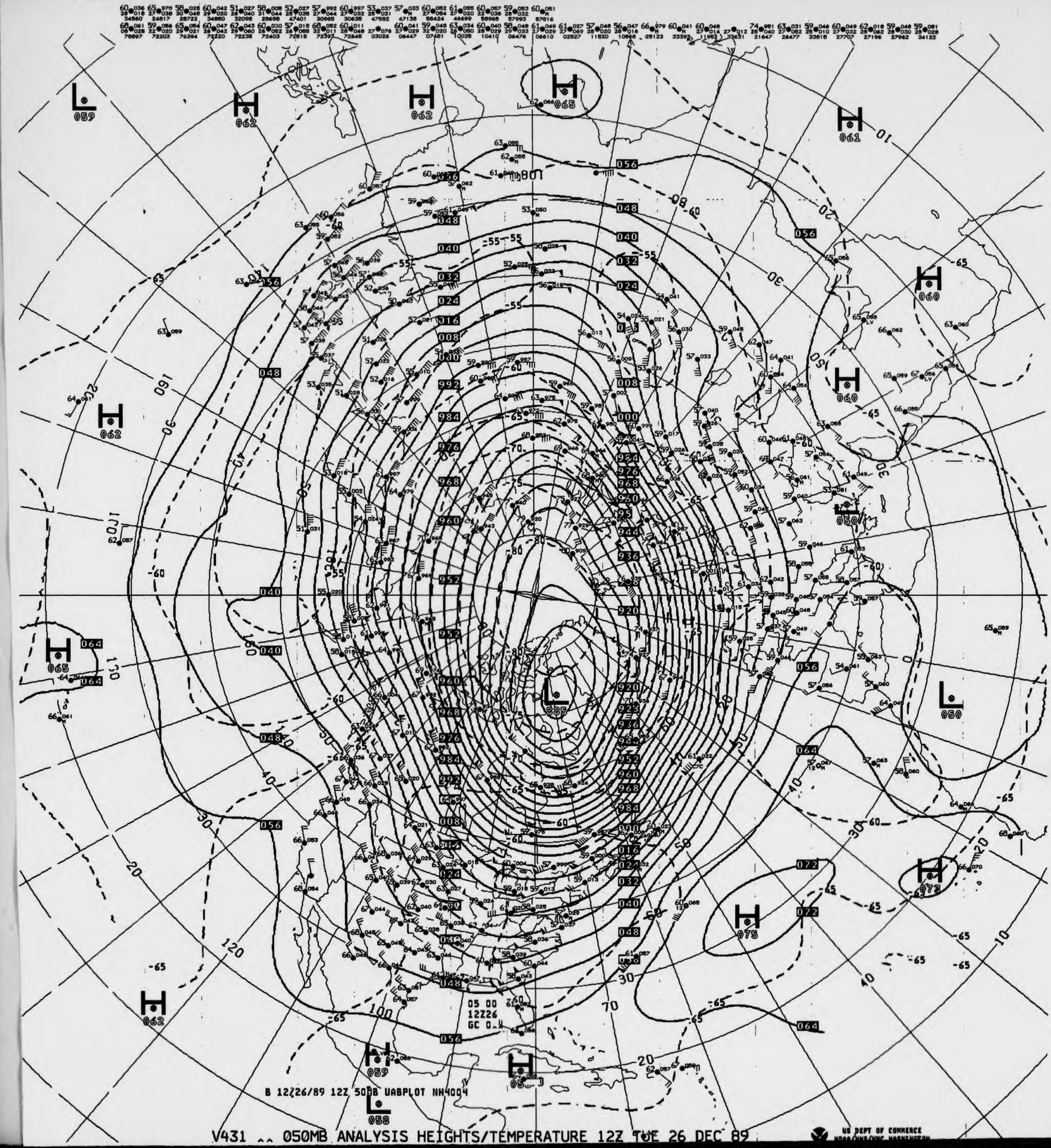
12Z24
GC 0
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 24 DEC 89


B 12/25/89 12Z 50MB VARPLOT NH400M
05 00
12Z25
GC 0^^
H 065
H 066
H 062
H 062
H 061
H 048
H 069
H 070
L 055
L 055
L 054
L 058
L 059
L 054
L 063
L 051
L 882

V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 25 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/26/89 12Z 50MB UABPLOT NH4004
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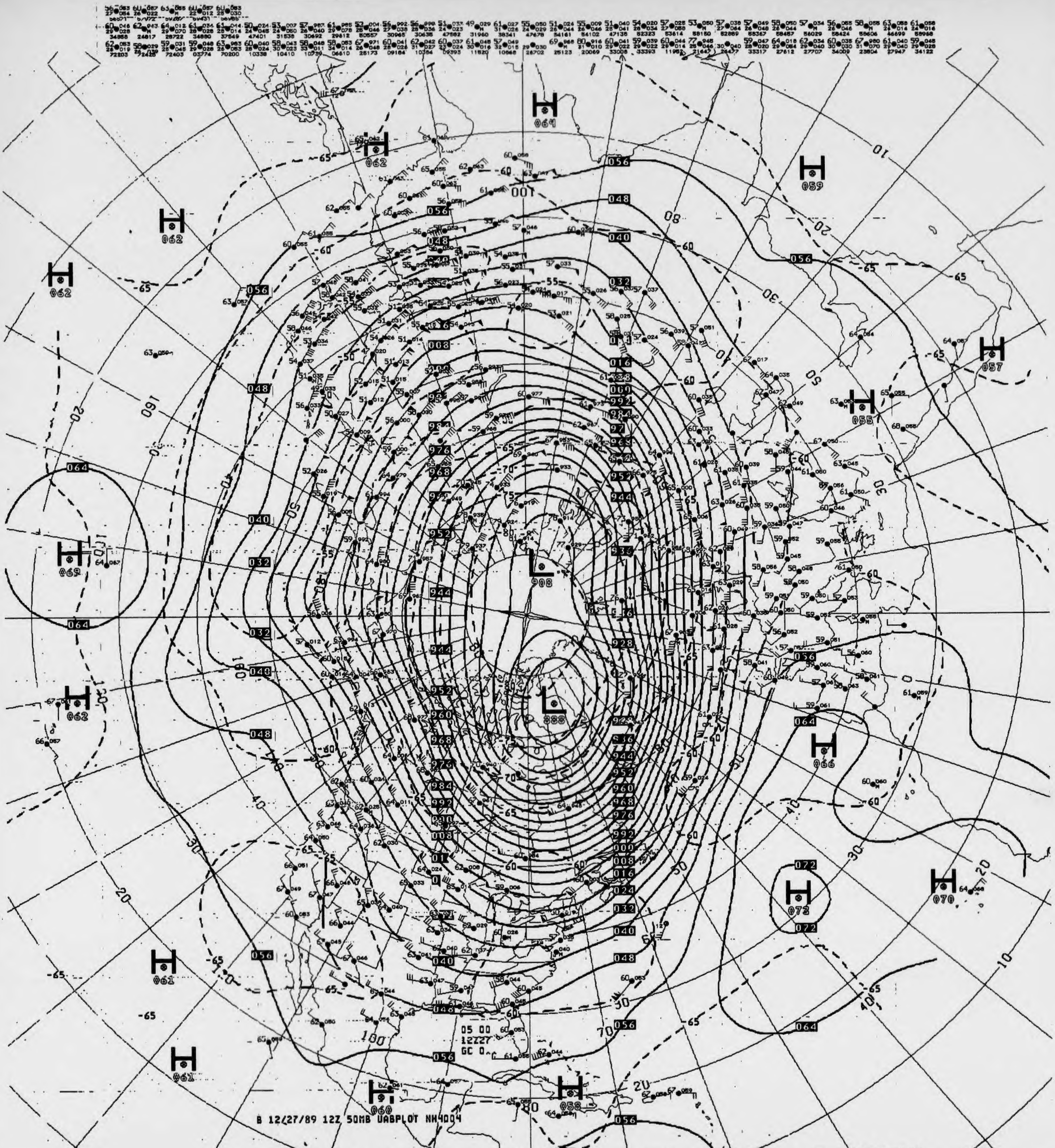
GC 0.4

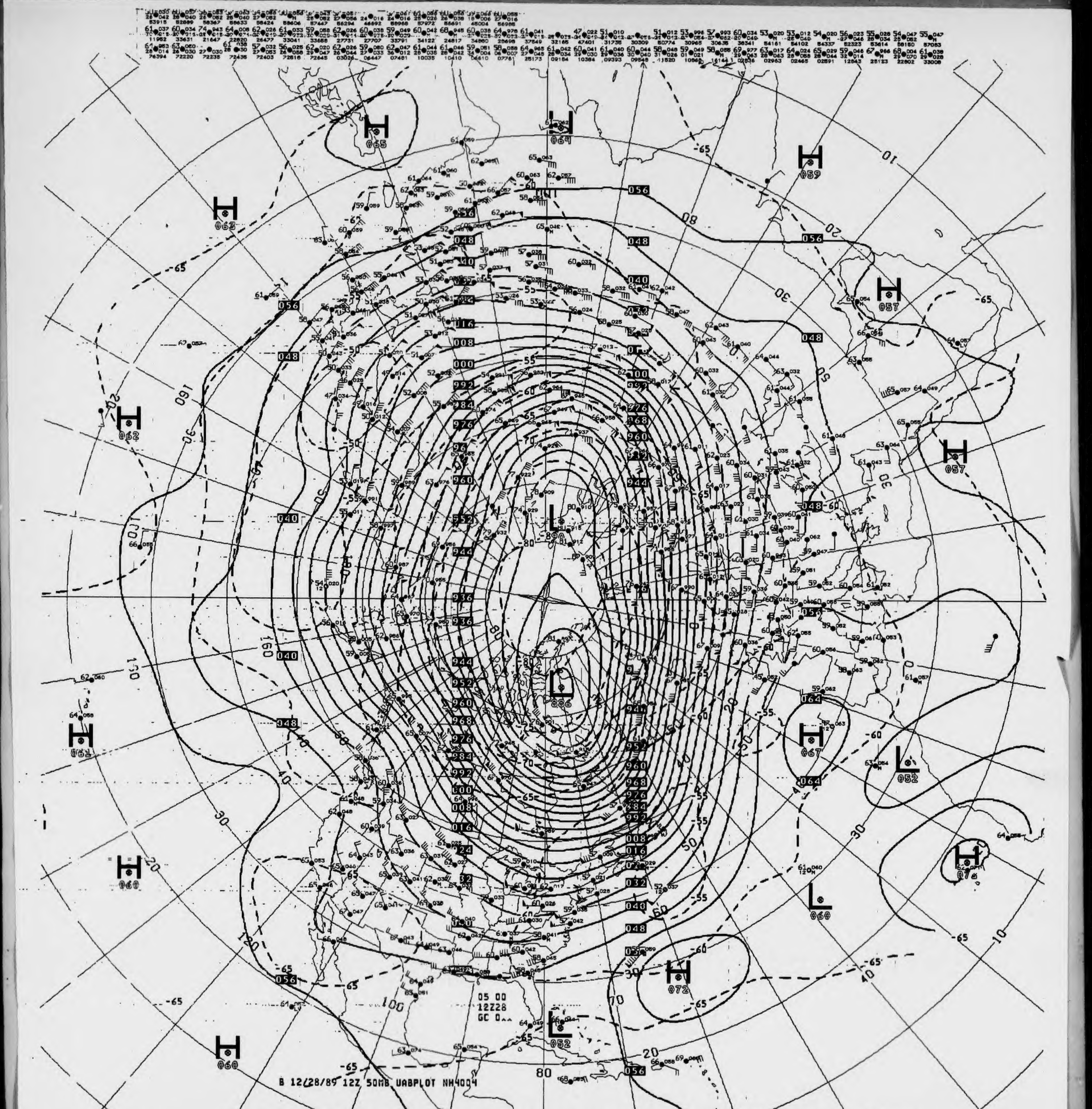
V431 .. 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 26 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/27/89 12Z 50MB UABPLOT NH4D04
05 00
12Z27
GC 0
H
064
062
062
062
069
062
061
061
060
058
059
057
055
066
072
070
L
908
888

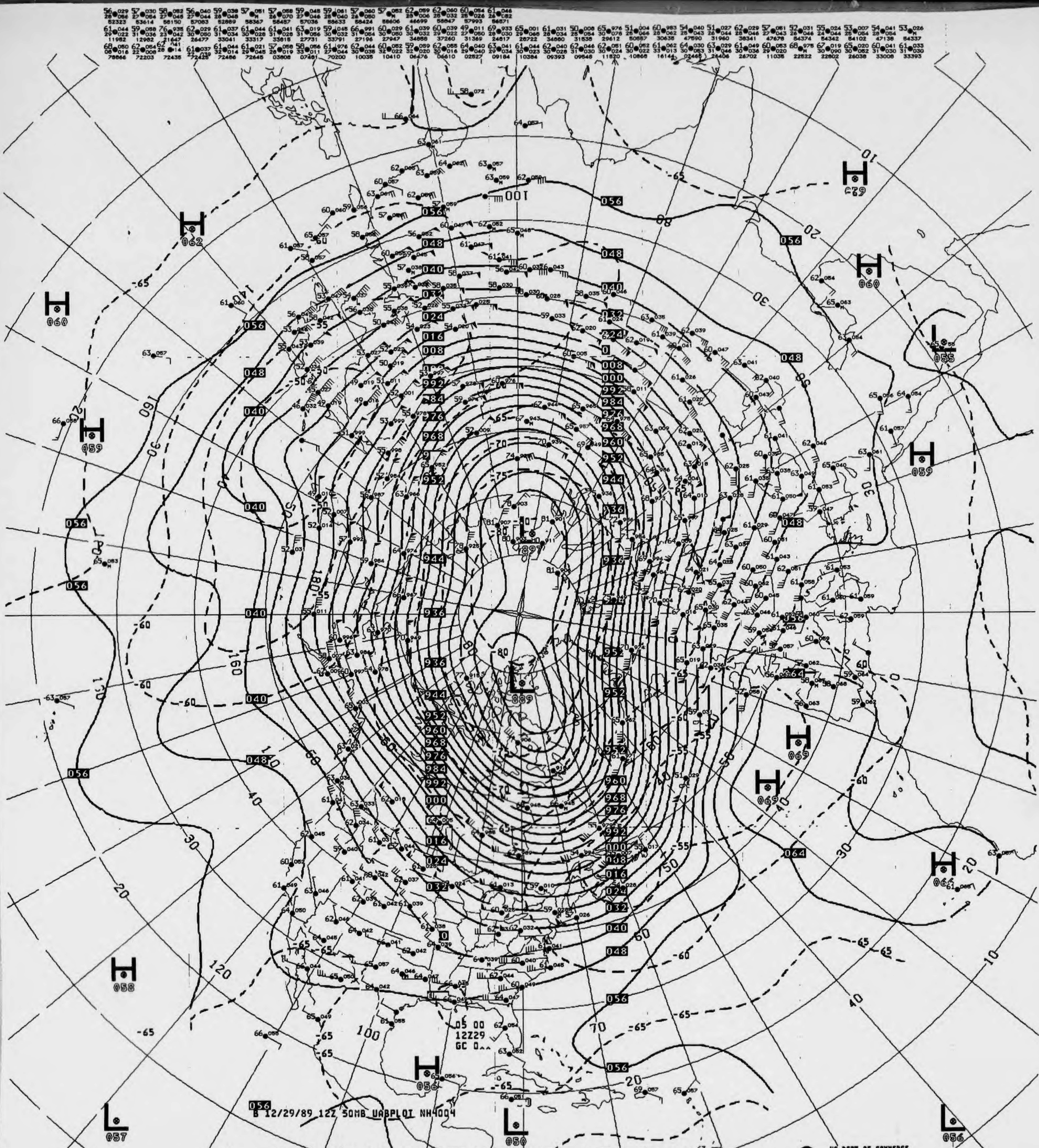
V431 .. 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 27 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/28/89 12Z 50MB UABPLOT NH4004
05 00
12Z28
GC 0..
H 065
H 064
H 059
H 063
H 057
H 062
H 057
H 061
H 067
L 052
H 060
H 072
L 060
H 07
L 052
H 060
L 894
L 886
056
048
040
-65
-60
-55
80

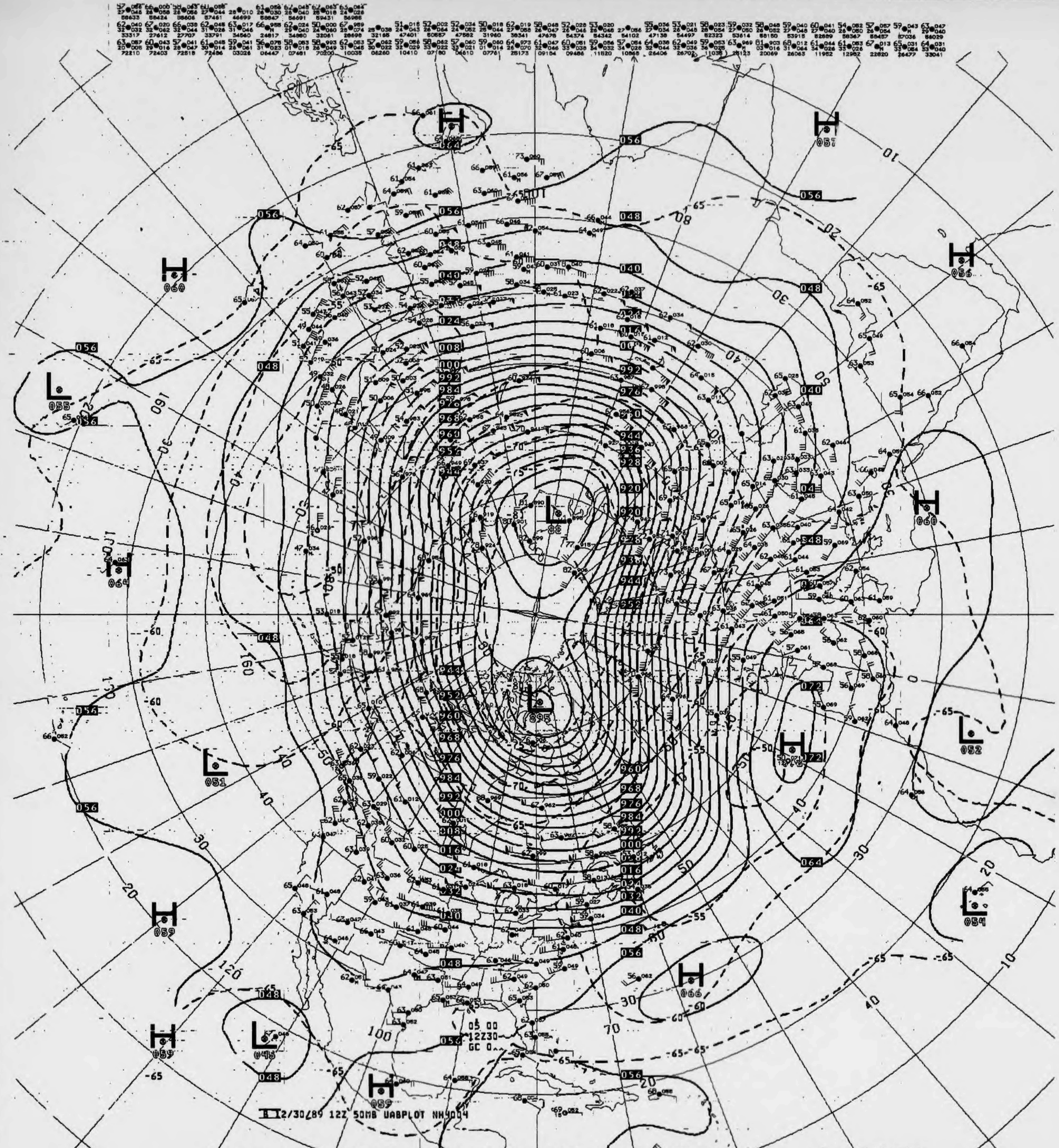
V431 .. 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


05 00
12Z29
GC 0^^
B 12/29/89 12Z 50MB UABPLOT NH4004

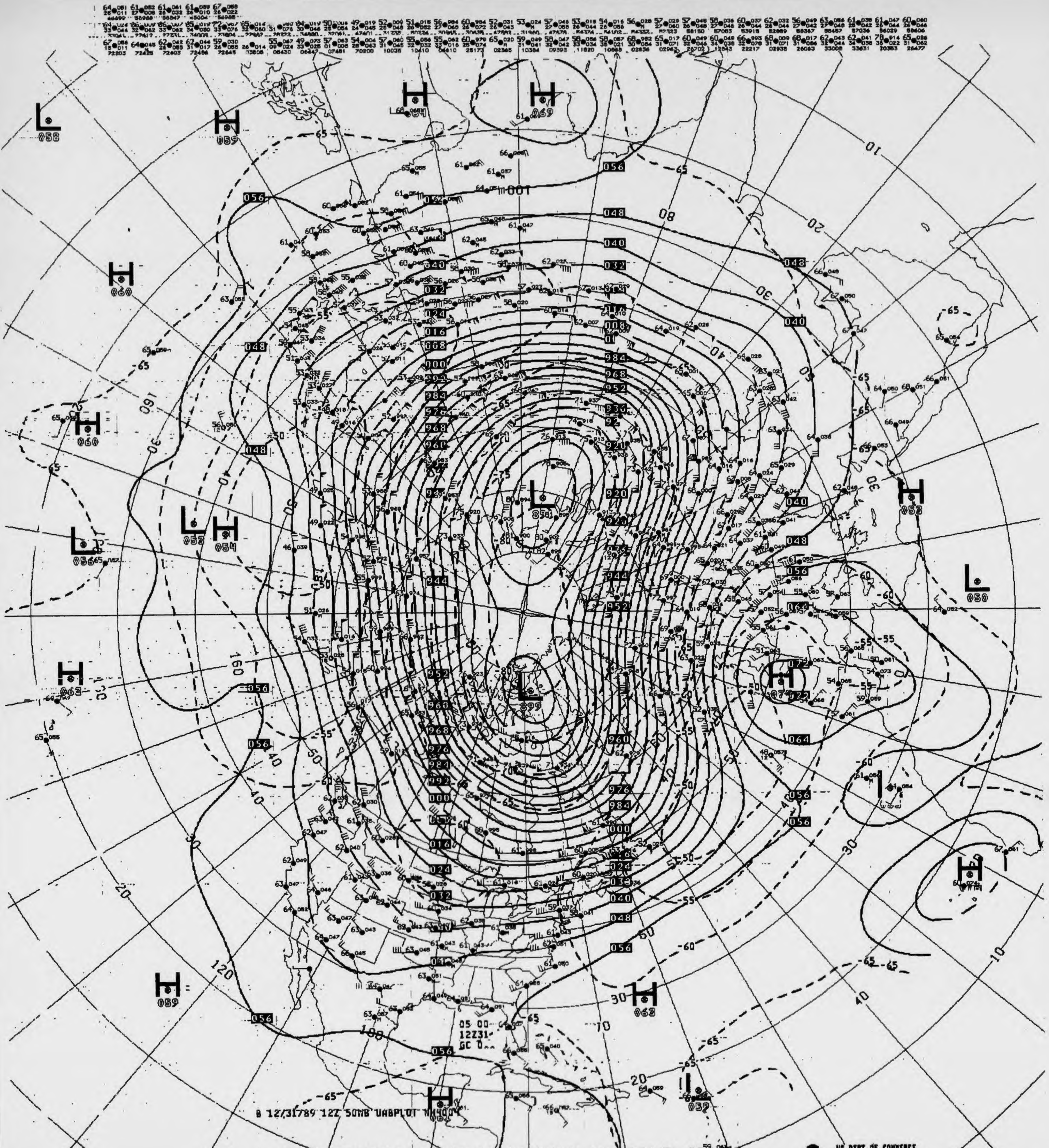
V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


12/30/89 12Z 50MB UABPLOT NH4004
05 00
12Z30
H
L
056
048
040
024
016
008
000
992
984
976
968
960
952
944
936
928
920
-65
-60
-70
-55
-50
10
20
30
40
50
60
70
80
100
120
140
160
170

V431 ^^ 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



H
L
056
048
040
032
024
016
008
000
992
984
976
968
960
952
944
936
928
920
-65
-60
-55
-50
10
20
30
40
60
80
100
120
160
05 00
12Z31
GC 0
B 12/31/89 12Z 50MB UABPLOT NH400

V431 ... 050MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 31 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

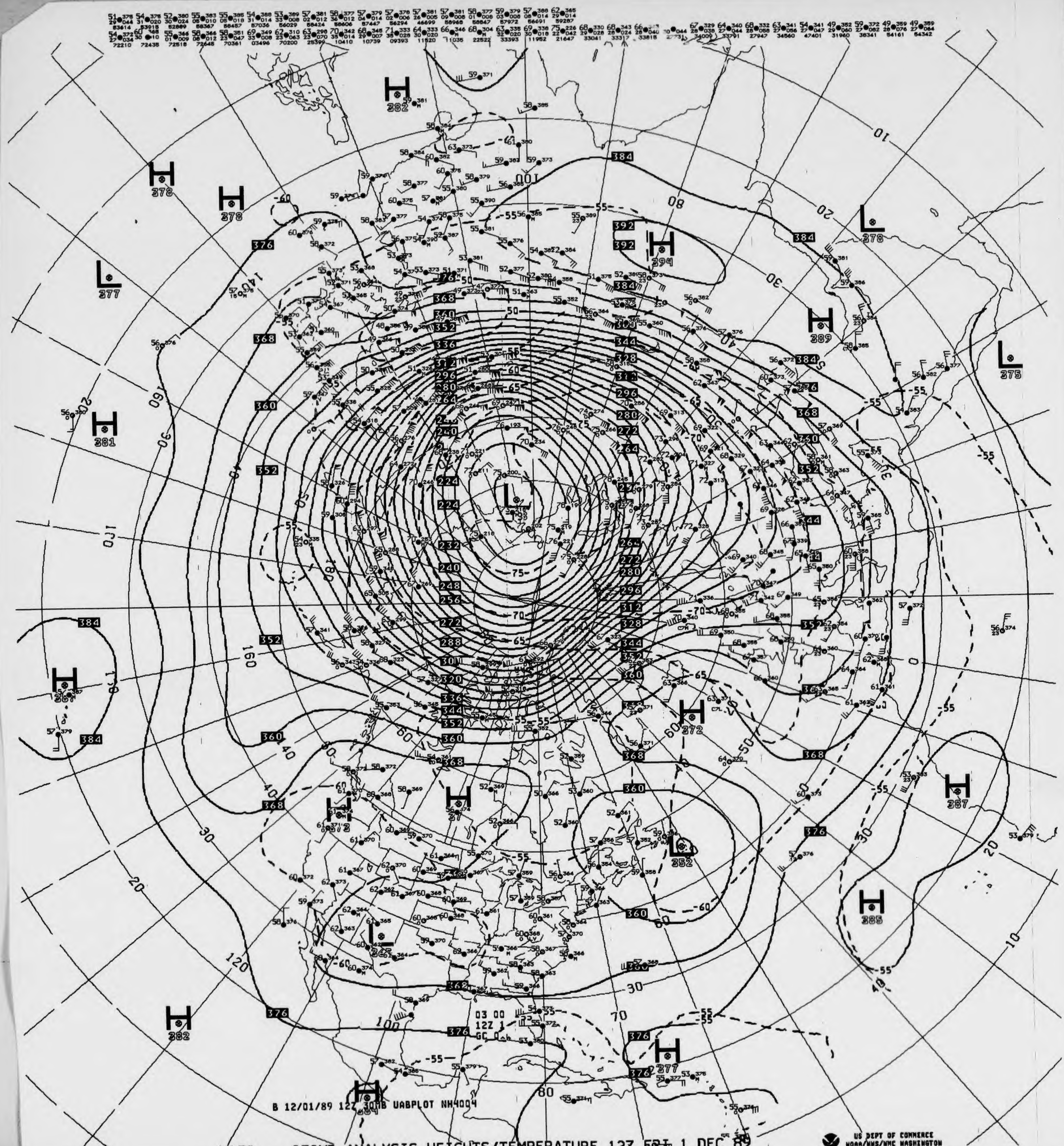
NOAA Form 48 - 366D
(Rev. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

30 MB CONSTANT PRESSURE CHARTS

STRATOSPHERIC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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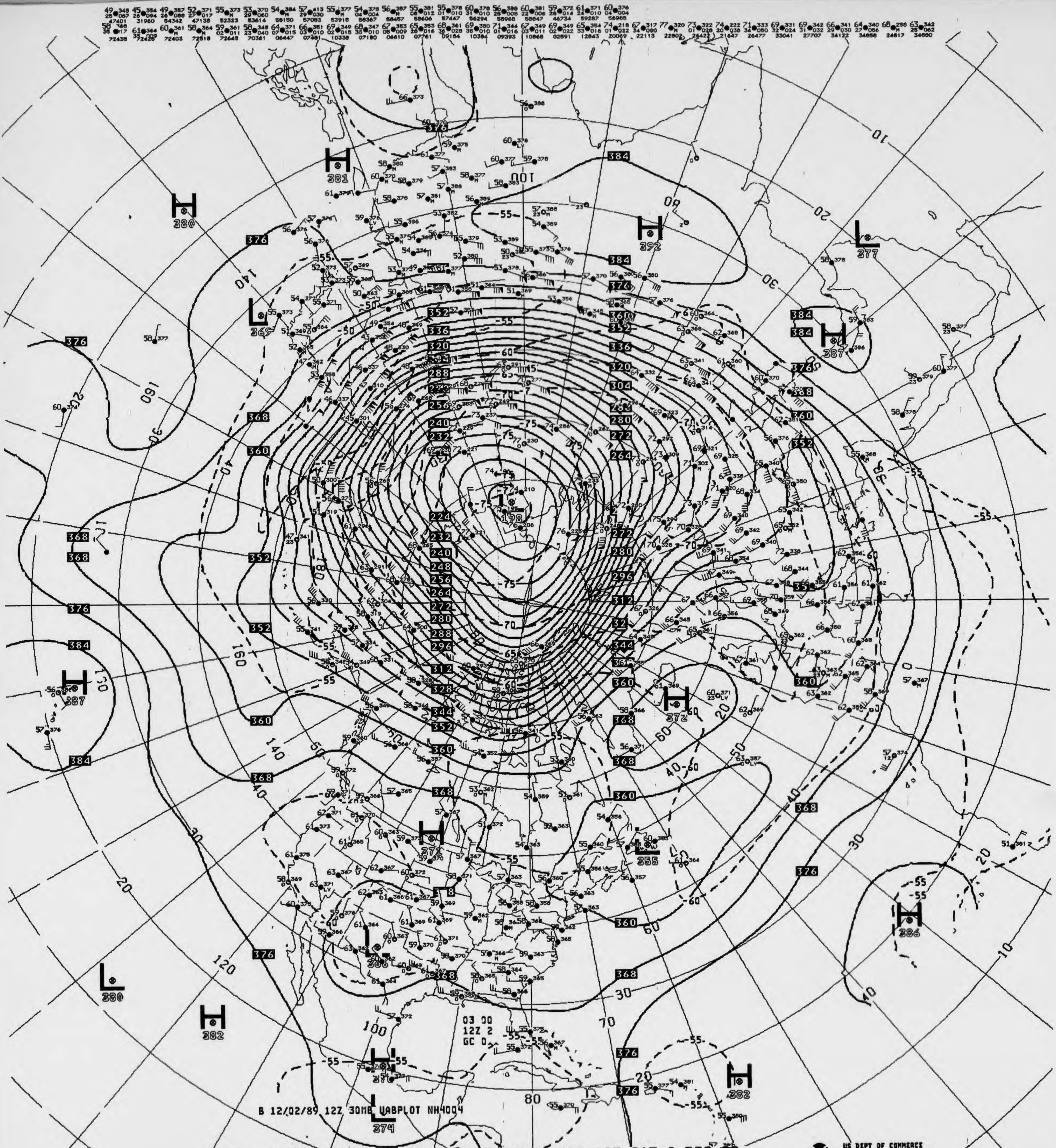
03 00
12Z 1
GC 0
H
L
384
392
394
376
368
360
352
344
336
328
320
312
304
296
288
280
272
264
256
248
240
232
224
-55
-60
-65
-70
-75
10
20
30
40
50
60
70
80
90
100
120
140
160
180

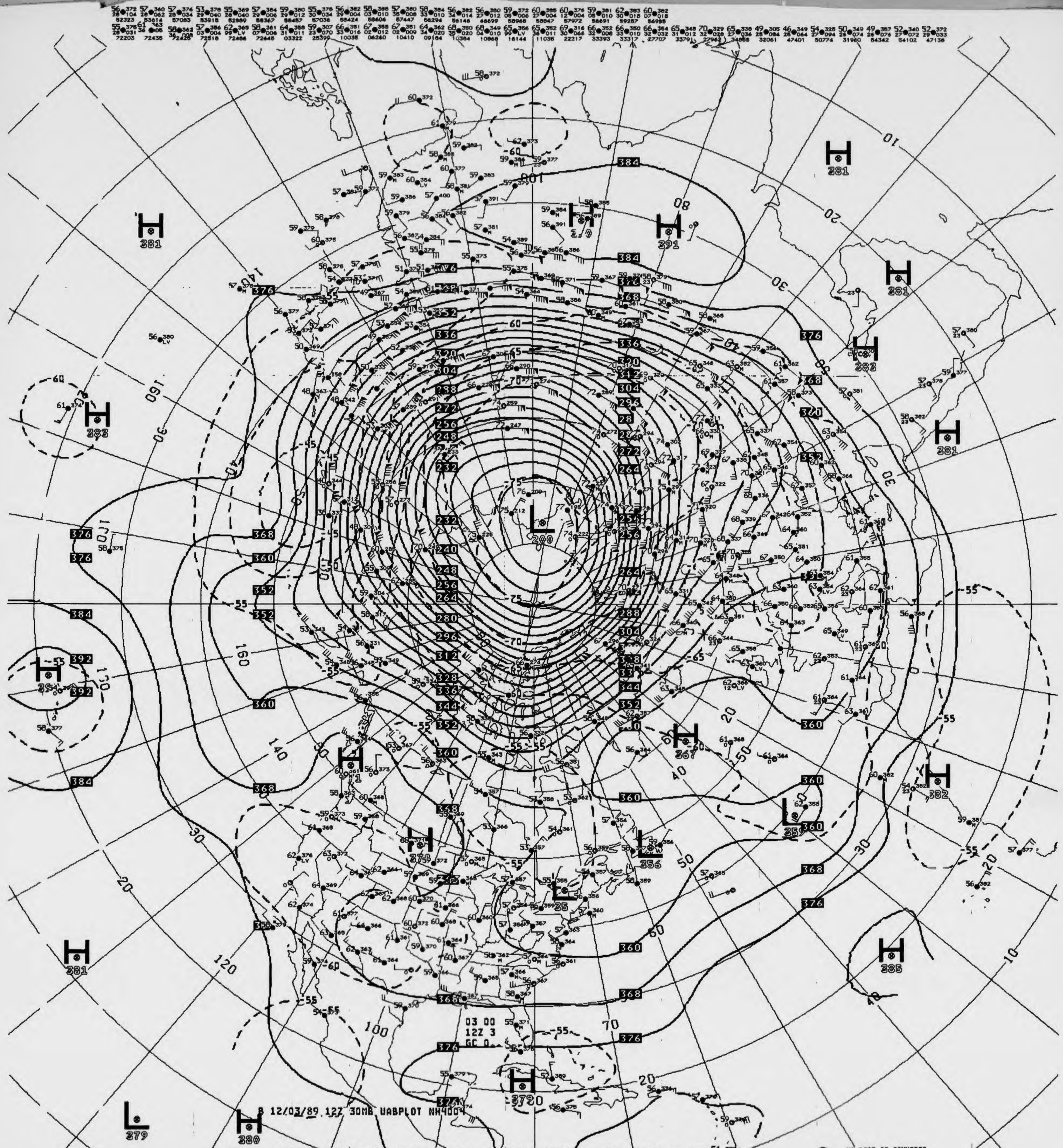
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 1 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/02/89 12Z 30MB UABPLOT NH4004
03 00
12Z 2
GC 0
H 381
H 380
H 292
L 277
L 369
H 387
H 387
H 372
H 371
L 355
H 386
L 380
H 382
L 366
L 370
L 374
H 382
L 198

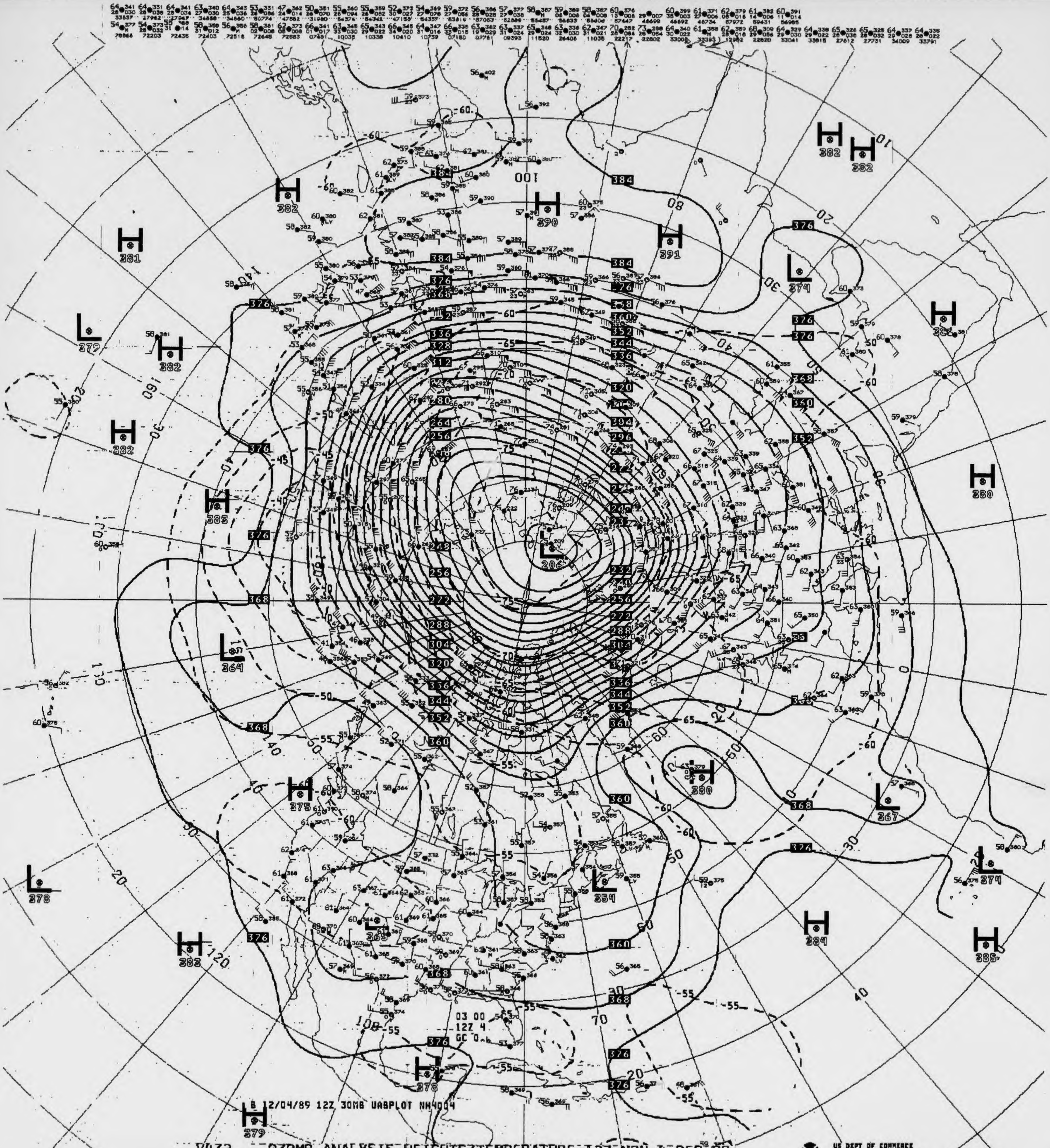
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 2 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/03/89 12Z 30MB UABPLOT NH4004
03 00
12Z 3
GC 0
L
200
H
391
H
381
H
382
H
385
H
379
H
380
L
379
L
356
384
376
368
360
352
344
336
328
320
312
304
296
288
280
272
264
256
248
240
232
-75
-70
-65
-60
-55
-45
10
20
30
40
50
60
70
80
90
100
120
140
160

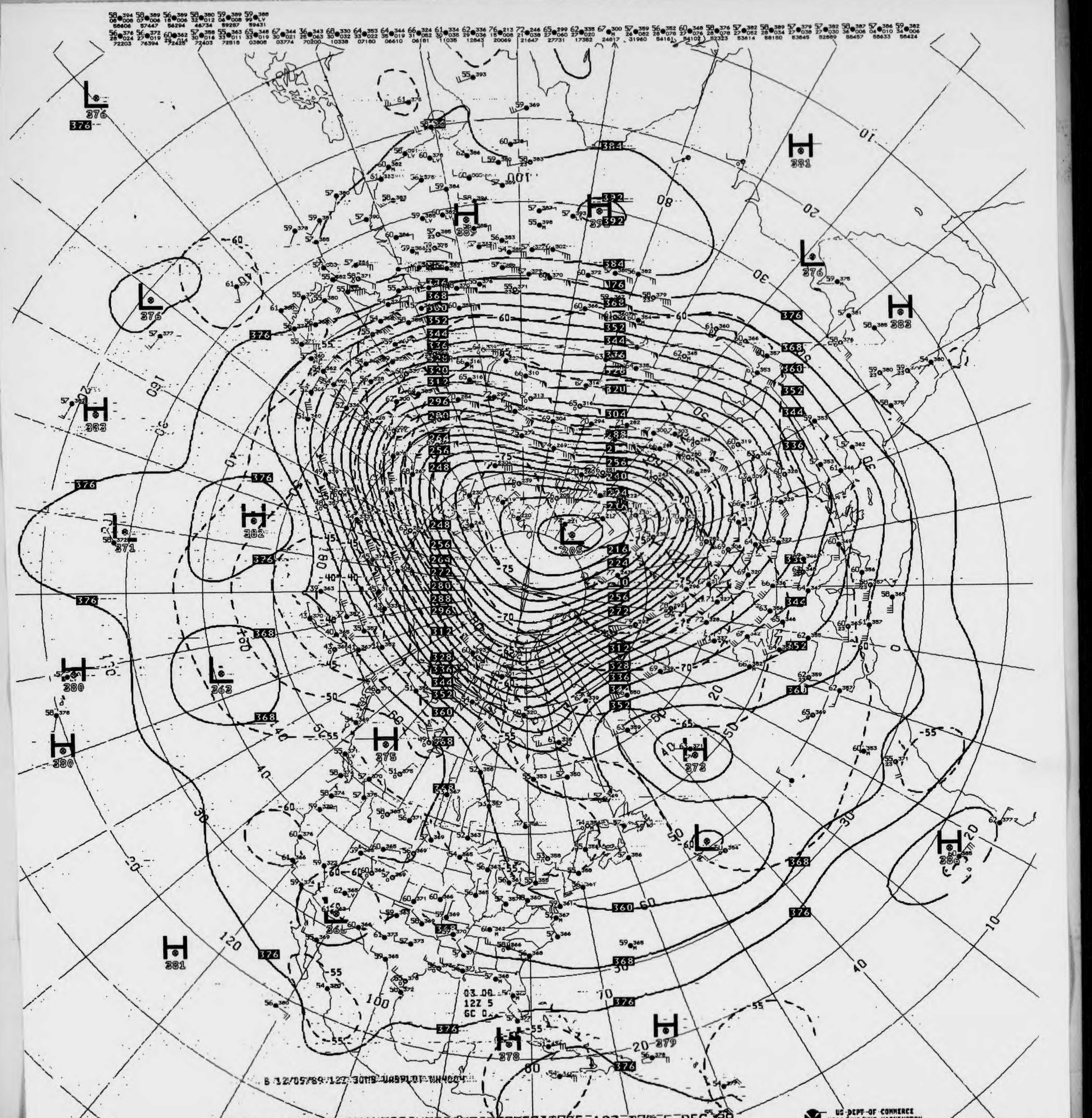
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 3 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/04/89 12Z 30MB UABPLOT NH4004
03 00
12Z 4
GC 0
H 382
H 390
H 391
H 381
H 382
H 382
H 383
H 380
H 375
H 380
H 383
H 384
H 385
H 378
H 379
L 206
L 374
L 372
L 364
L 367
L 354
L 374
L 378

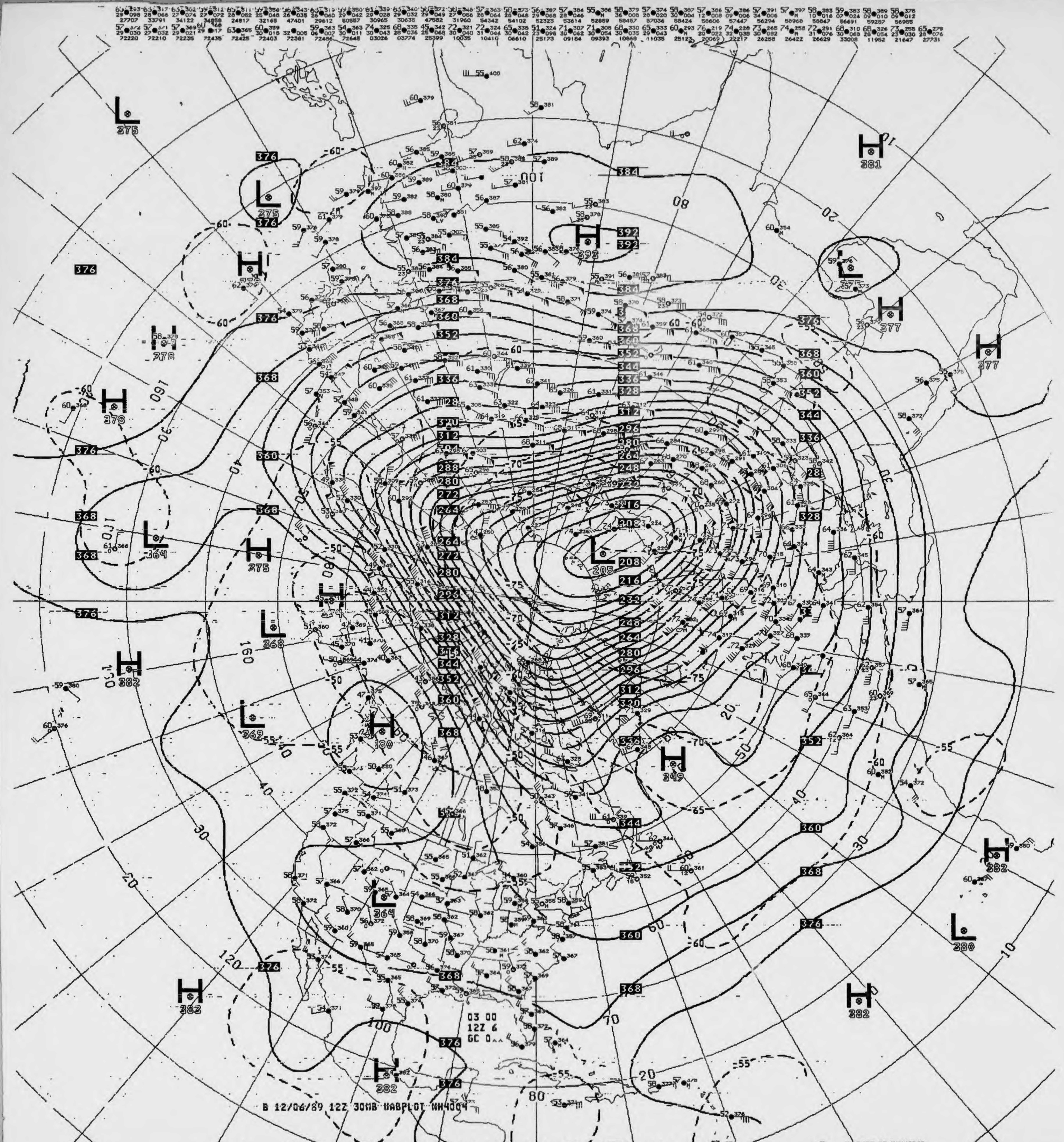
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/05/89 12Z 30MB UA5PLOT NH4004
03 00
12Z 5
GC 0
L
205
H
392
H
389
H
381
L
376
H
383
H
382
L
371
L
363
H
380
H
380
H
275
H
373
H
286
L
366
H
381
H
378
H
379
376
368
360
352
344
336
328
320
312
304
296
288
280
272
264
256
248
240
232
224
216
-75
-70
-65
-60
-55
-50
-45
-40
10
20
30
40
50
60
70
80
100
120
150

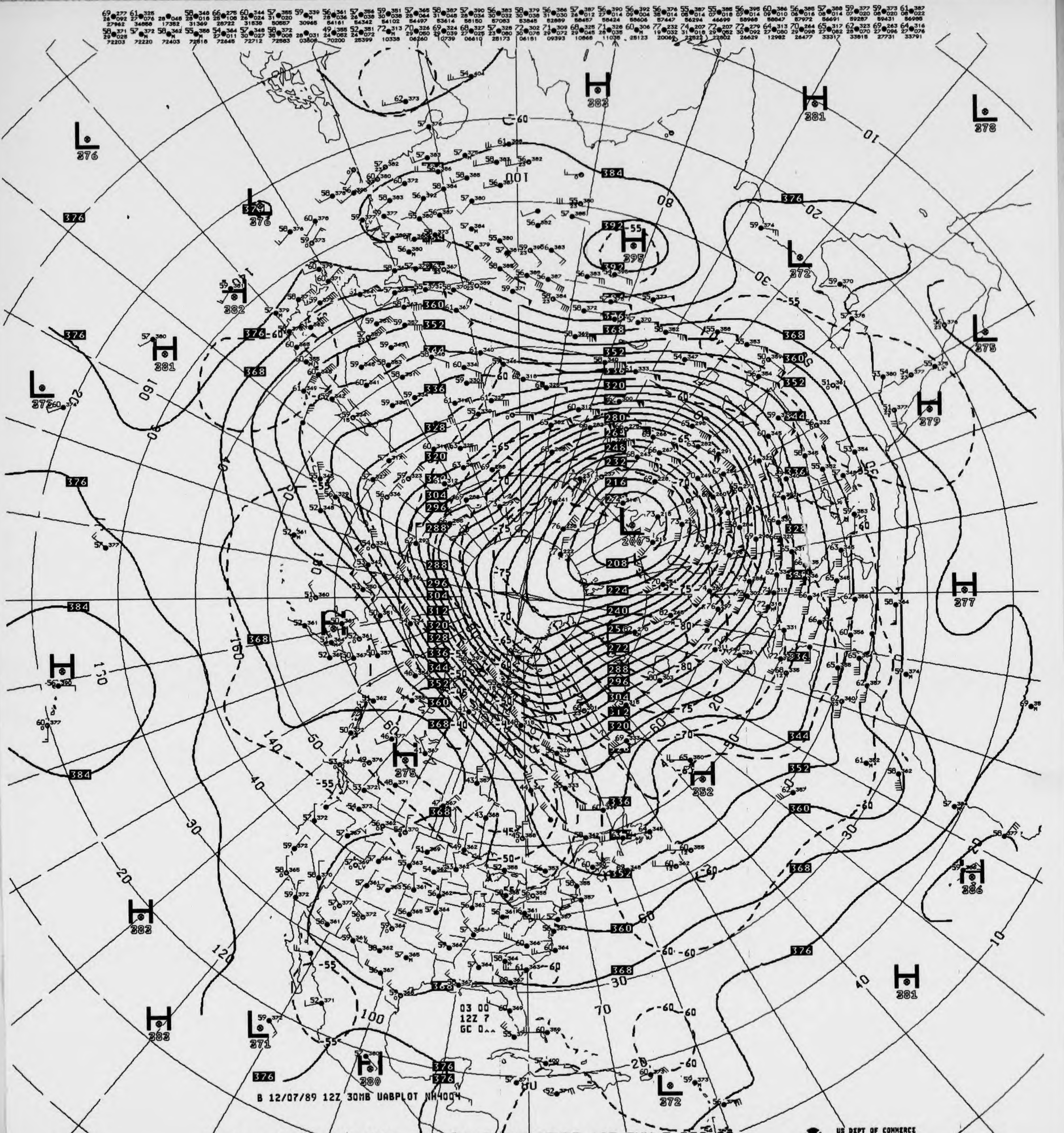
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


03 00
12Z 6
GC 0
B 12/06/89 12Z 30MB UABPLOT NH4004

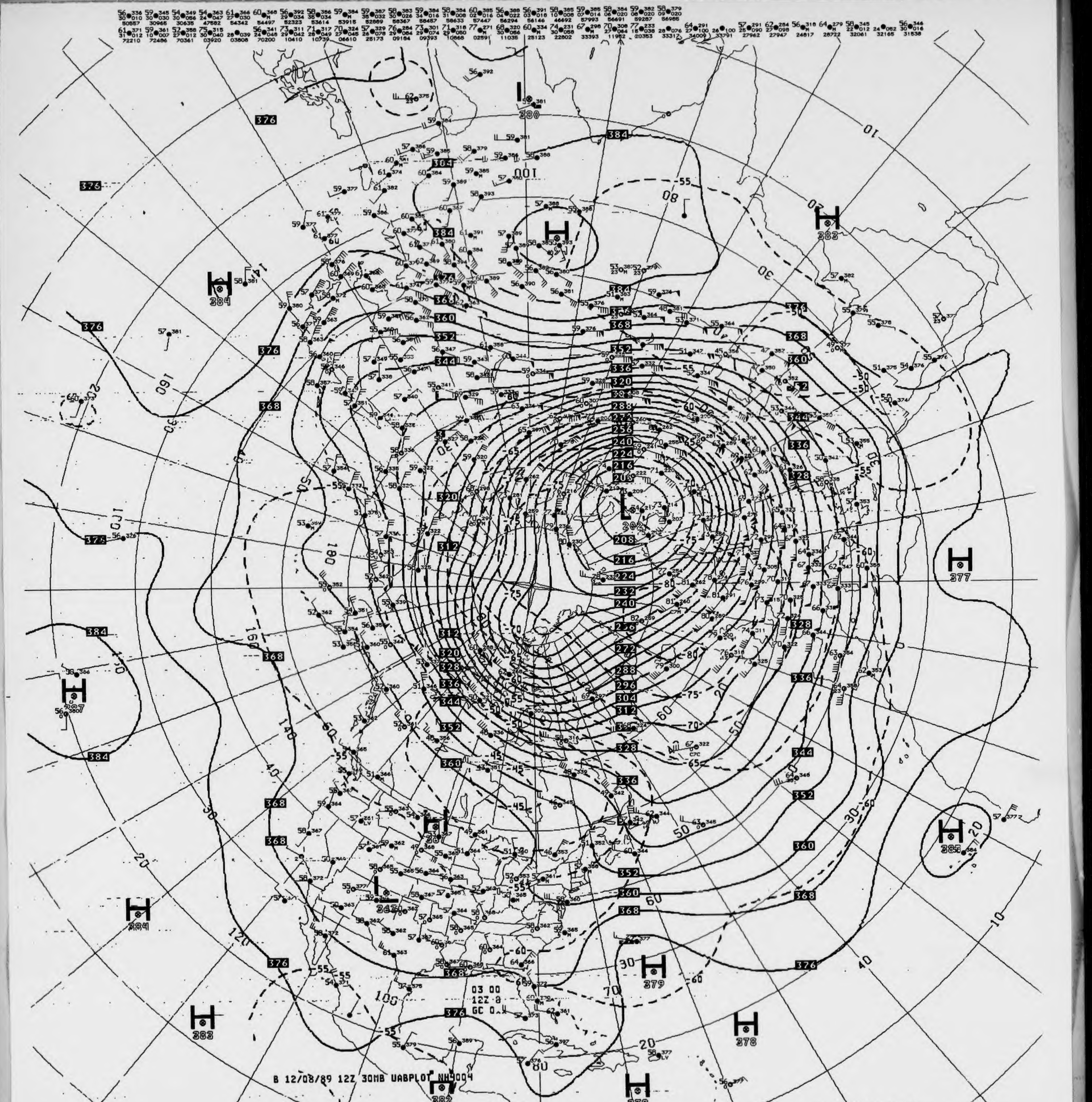
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 6 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/07/89 12Z 30MB UABPLOT NH4004
03 00
12Z 7
GC 0^^

V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 7 DEC 89

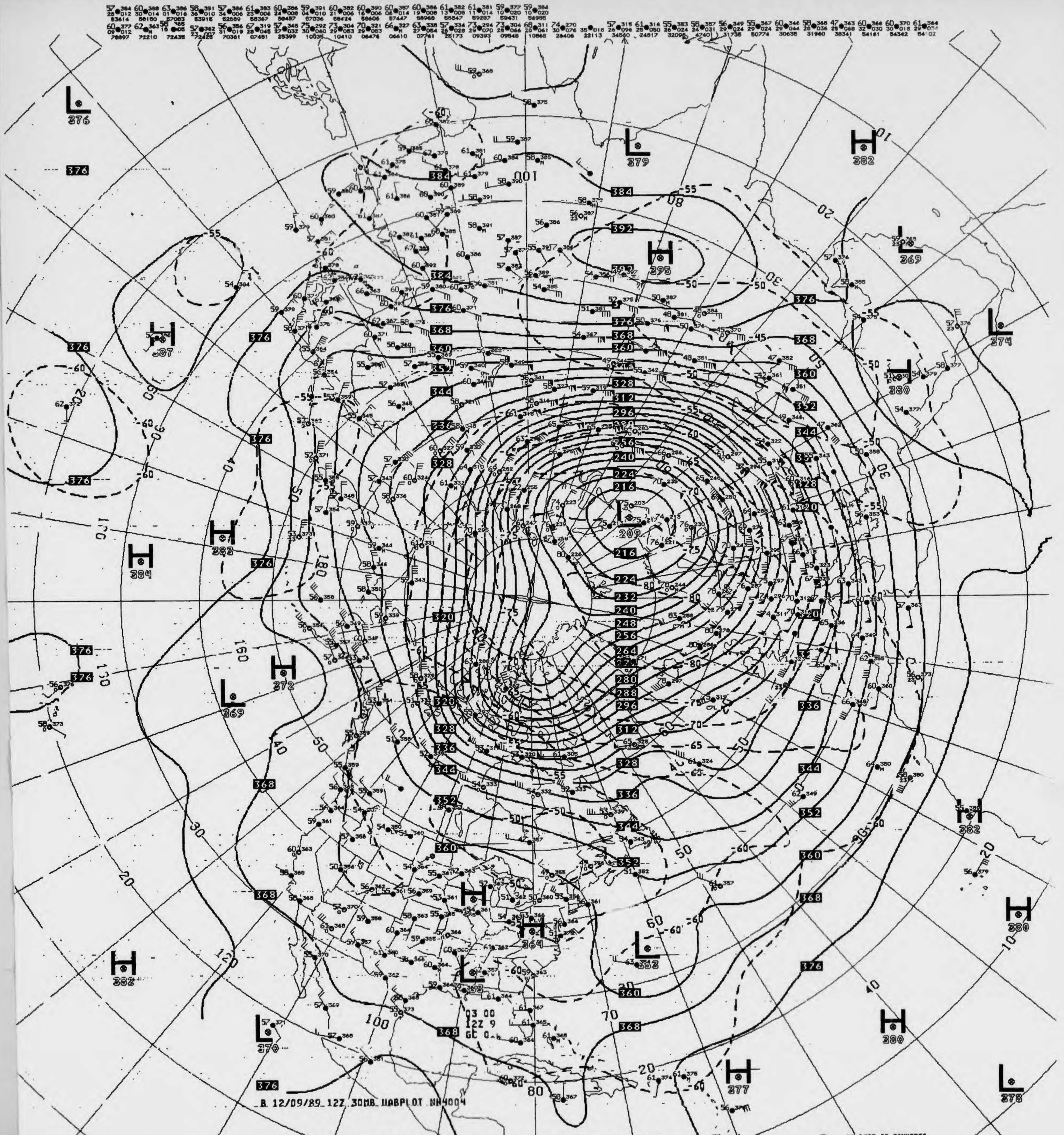
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/08/89 12Z 30MB UABPLOT NH0004

V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 8 DEC 89

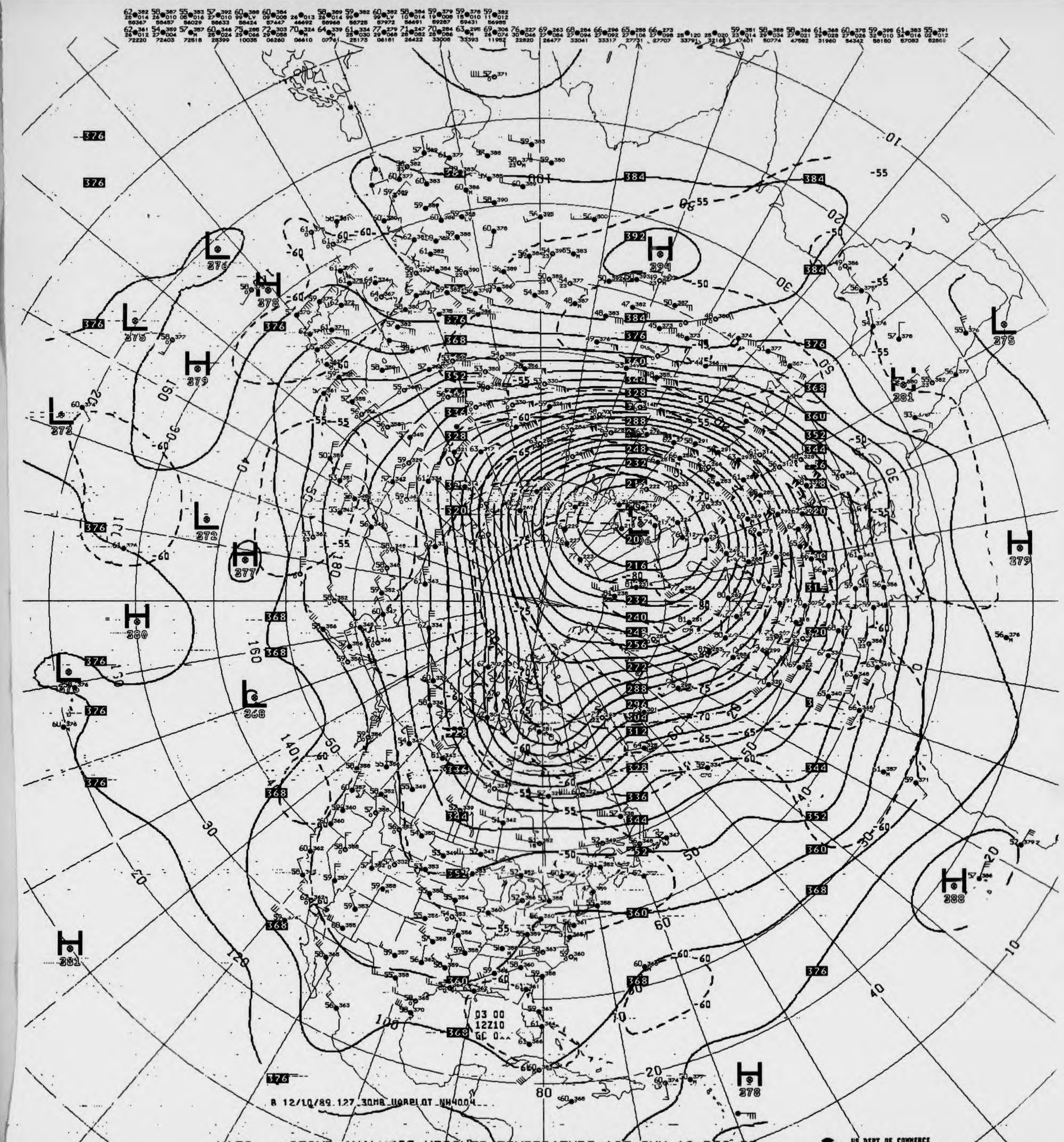
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/09/89 12Z 30MB UABPLOT NH4004
03 00
12Z 9
H
L
395
209
384
376
368
360
352
344
336
328
320
312
296
288
280
272
264
256
248
240
232
224
216
-50
-55
-60
-65
-70
-75
-80

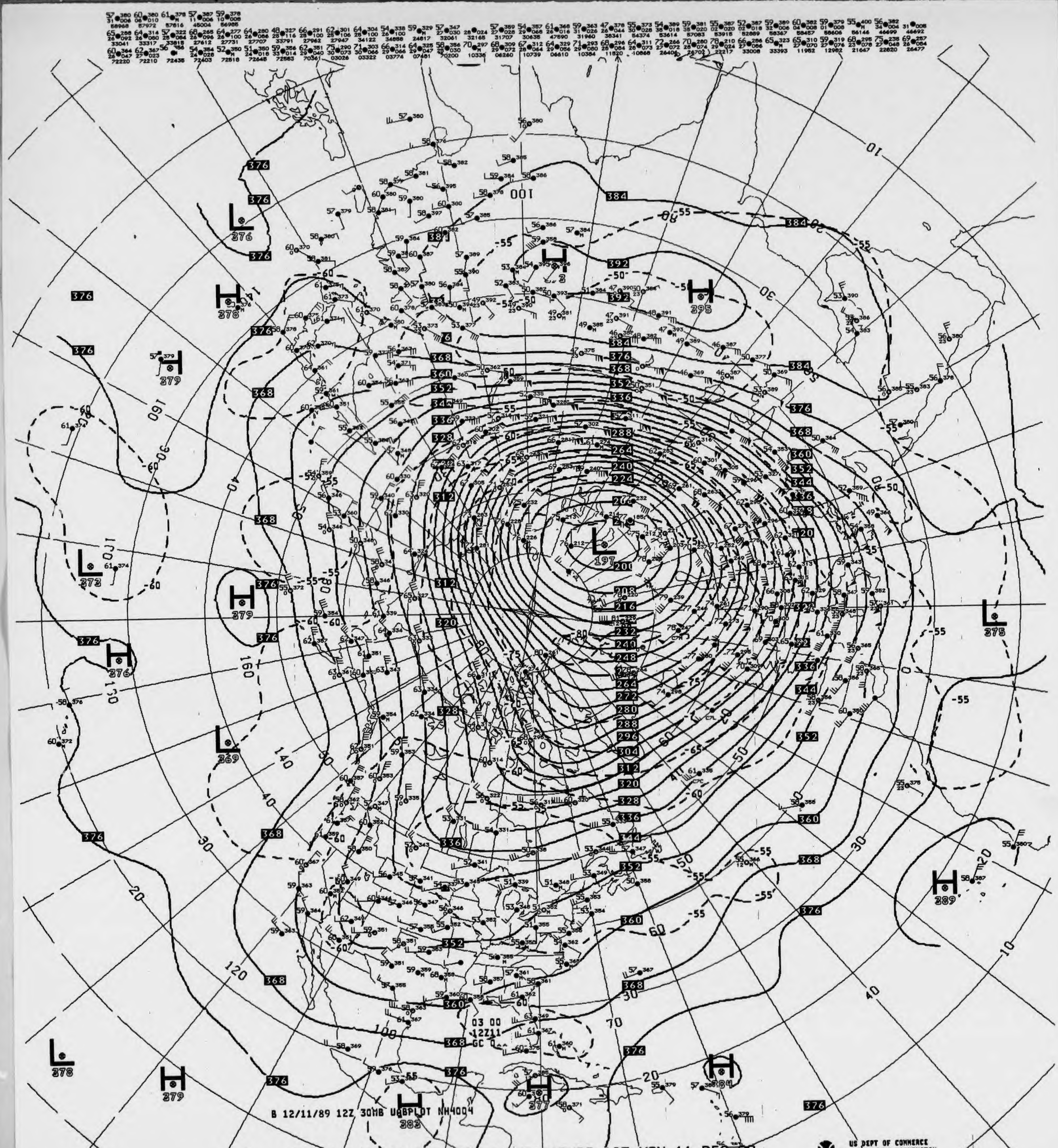
V432 .. 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 9 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 394
H 379
H 377
H 380
H 381
H 279
H 388
H 381
H 278
H 378
L 376
L 375
L 373
L 372
L 375
L 368
L 375
L 206
392
384
376
368
360
352
344
336
328
320
312
304
296
288
272
256
248
240
232
216
03 00
12Z10
GC 0..
8 12/10/89 12Z 30MB UORPLOT NH4004

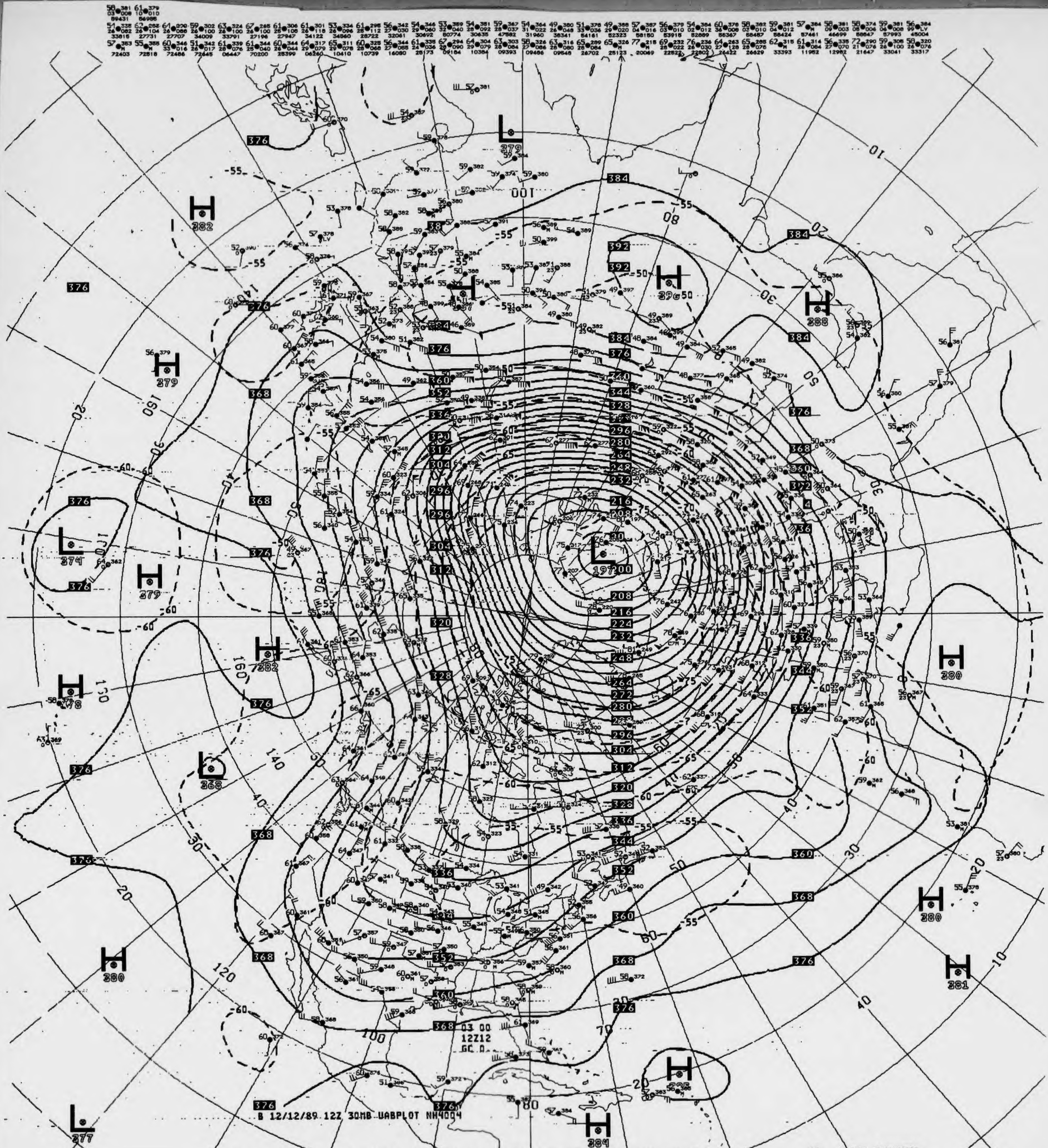
V432 .. 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 10 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/11/89 12Z 30MB UABPLOT NH4004
03 00
12Z11
GC 0
L
197
200
H
395
H
389
L
375
H
384
H
377
H
383
H
279
L
378
L
369
H
376
H
379
L
372
H
279
H
378
L
376

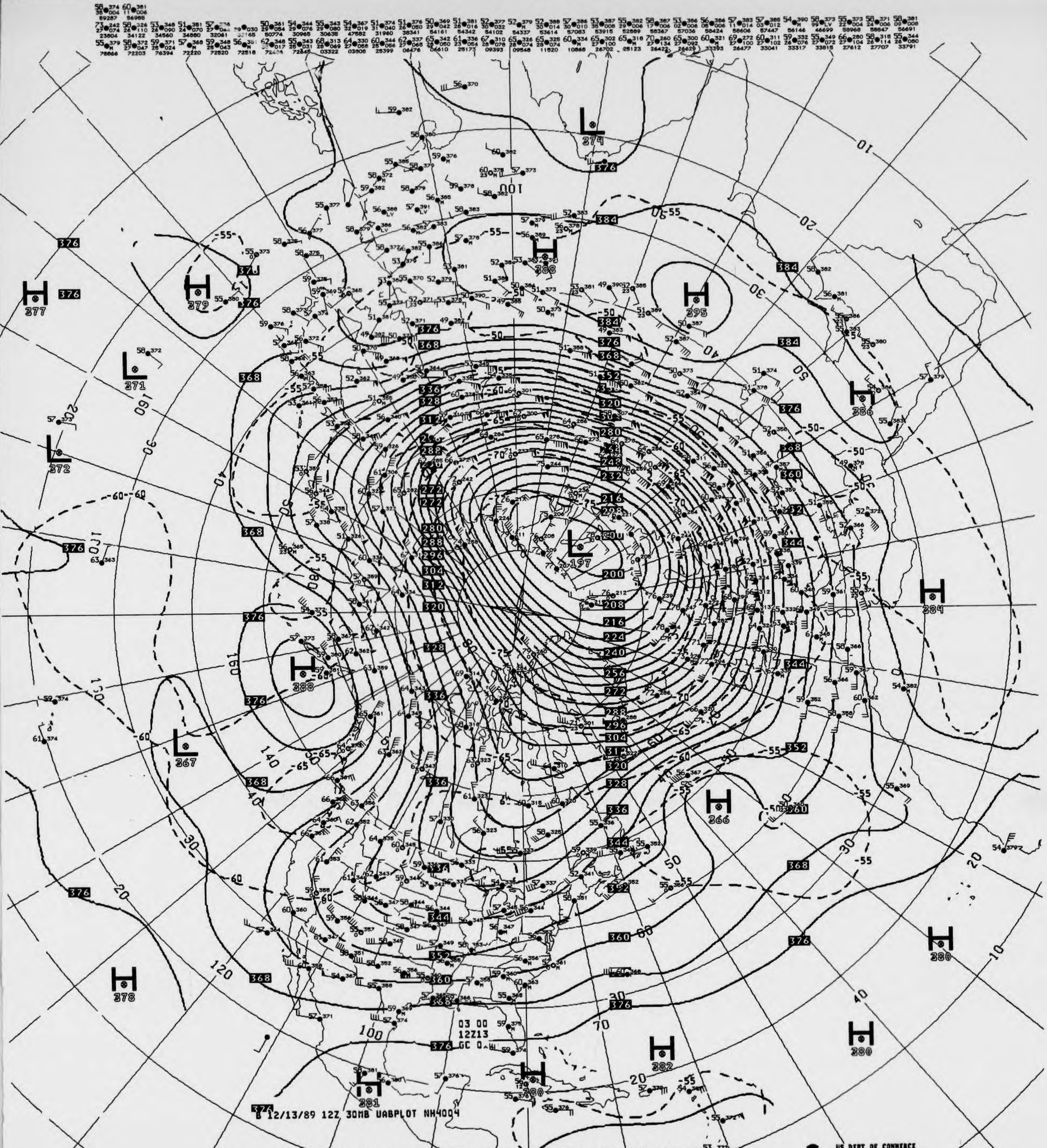
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/12/89 12Z 30MB UABPLOT NH4004
03 00
12Z12
GC 0

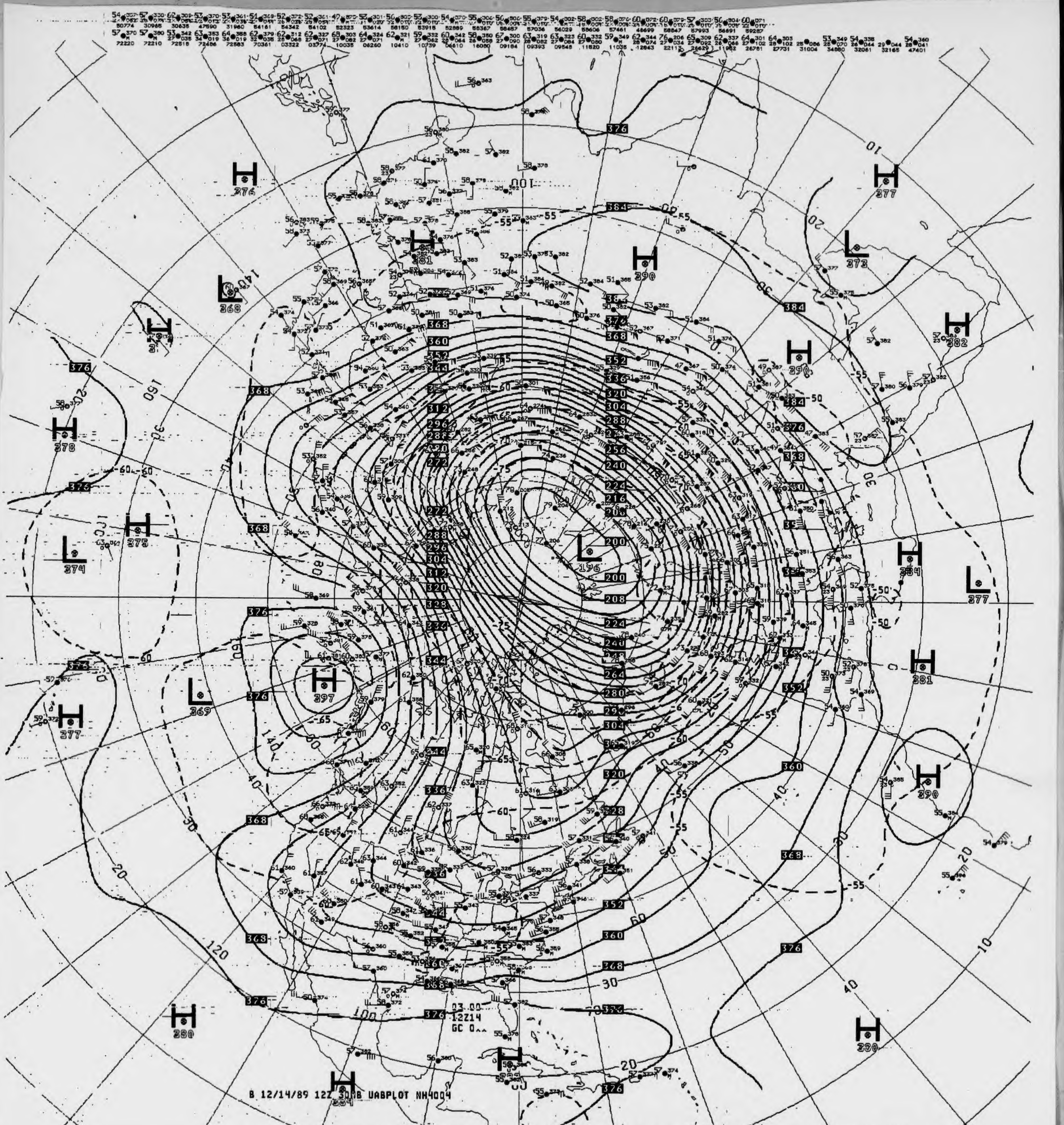
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 12 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/13/89 12Z 30MB UABPLOT NH4004
03 00
12Z13
L 197
H 388
H 395
L 274
H 386
H 384
H 377
H 379
L 371
L 372
L 367
H 378
H 381
H 380
H 382
H 366
100
10
20
30
40
50
60
70

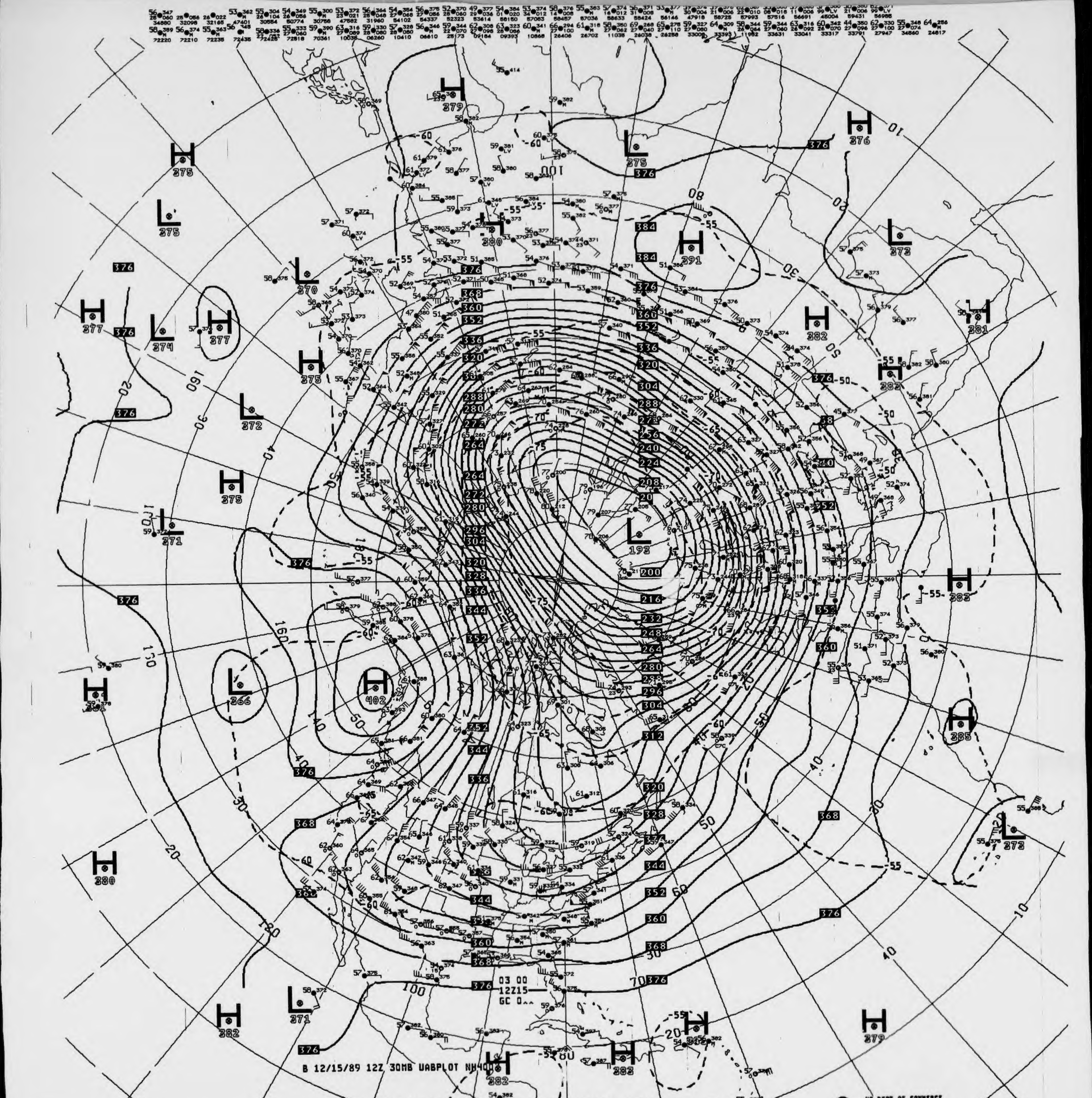
V432 .. 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 13 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/14/89 12Z 30MB UABPLOT NH4004
03.00
12Z14
GC 0
H
L
196
208
376
384

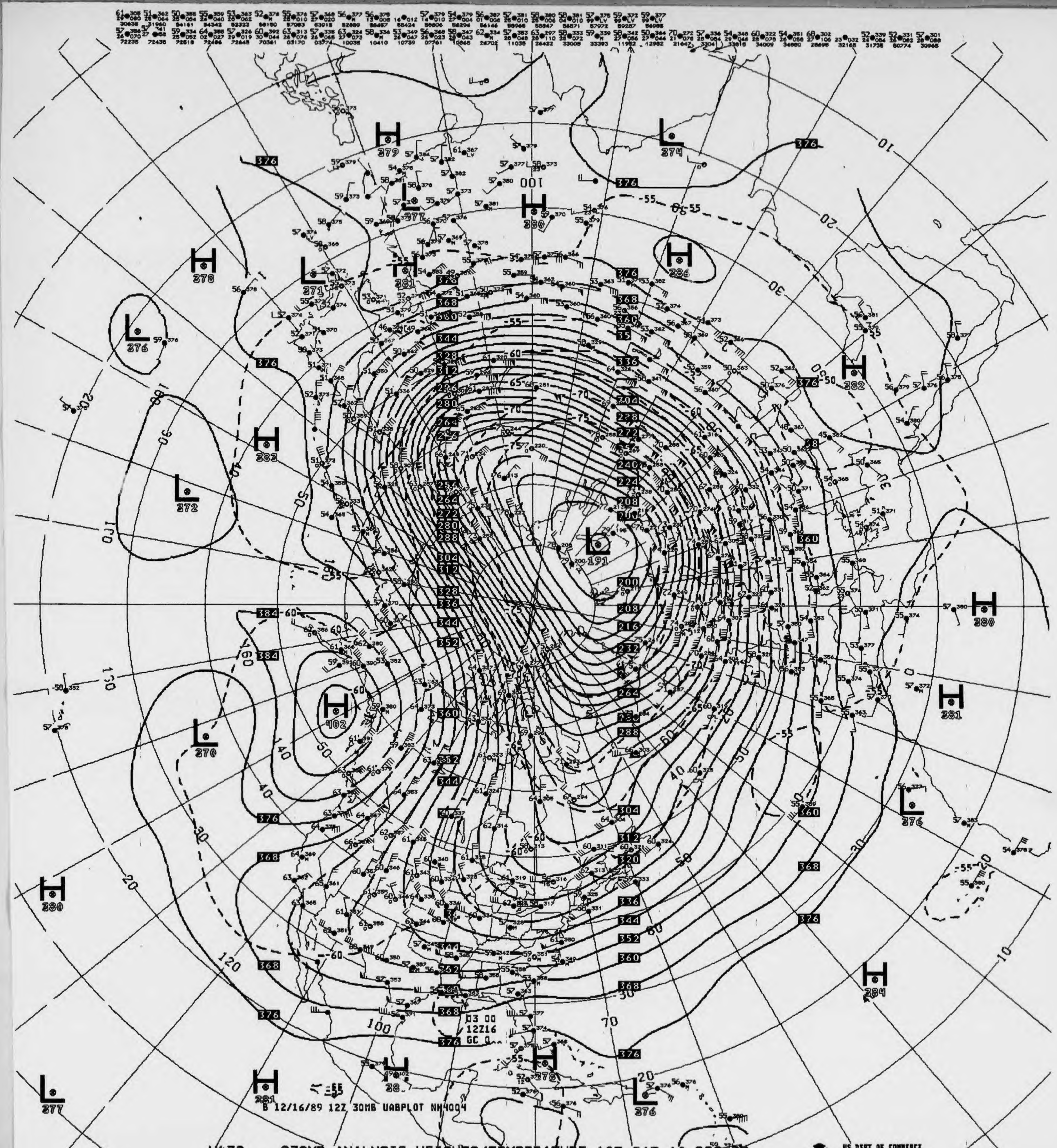
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 14 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


03 00
12Z15
GC 0
B 12/15/89 12Z 30MB UABPLOT NH400

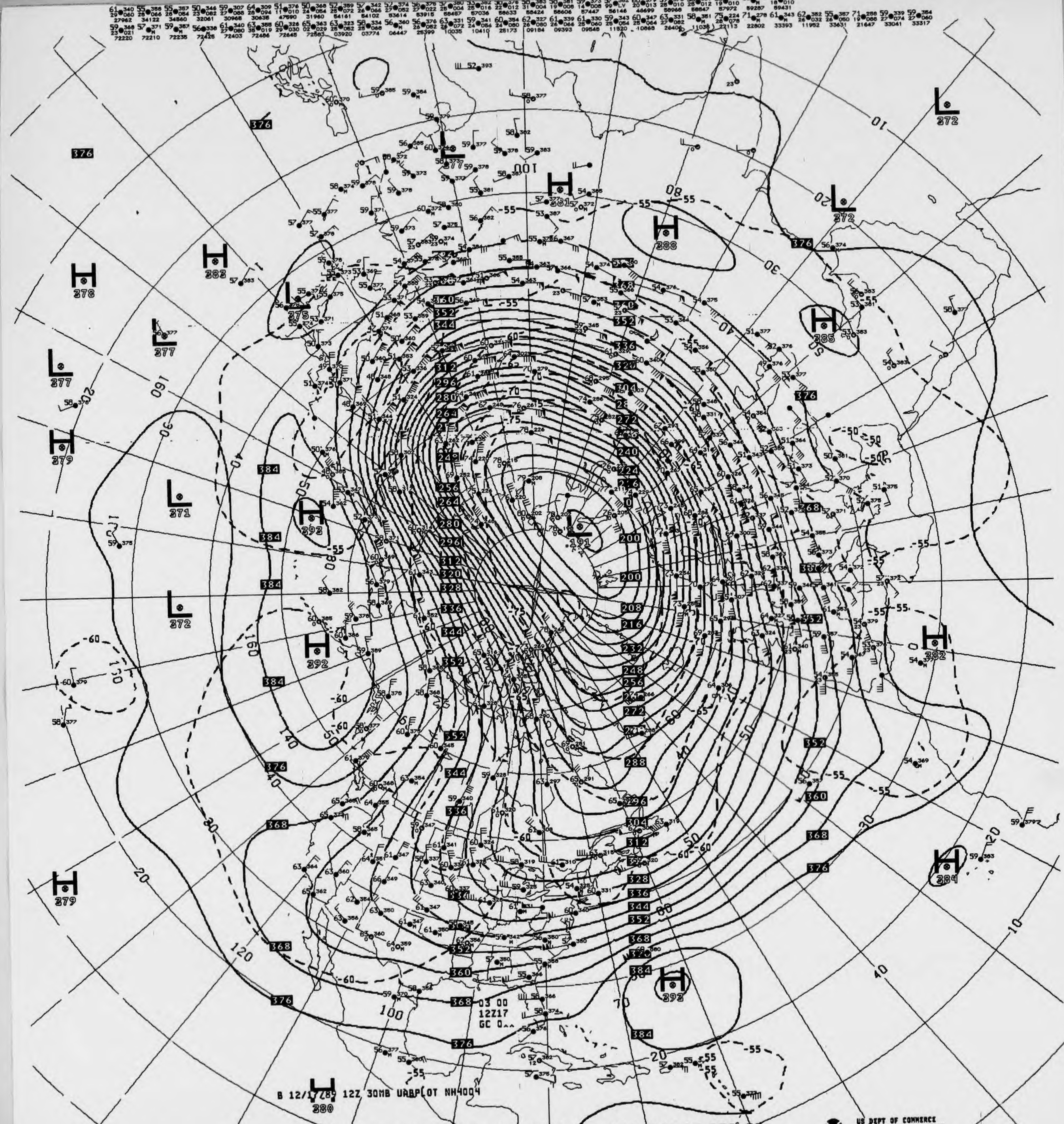
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 15 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/16/89 12Z 30MB UAPLOT NH4004
03 00
12Z16
GC 0

V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 16 DEC 89

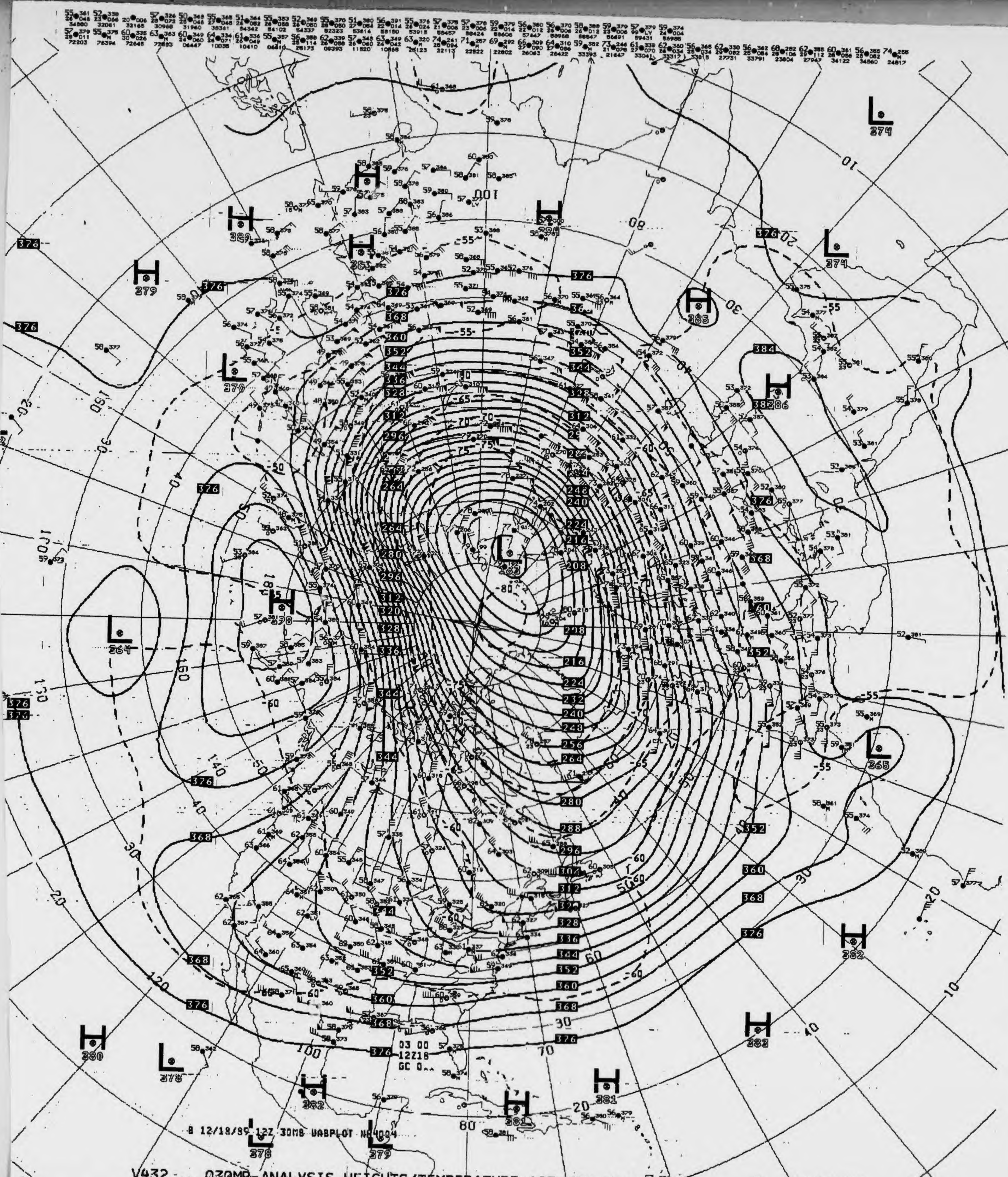
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/17/89 12Z 30MB UABPLOT NH4004
03 00
12Z17
GC 0^^
H
L
191
200
208
216
232
248
256
272
288
296
304
312
320
328
336
344
352
360
368
376
384
392
382
388
385
384
380
379
378
377
375
372
371
-55
-60
-65
-70
-75
10
20
30
40
50
60
70
80
90
100
120
130
140
150
160

V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 17 DEC 89

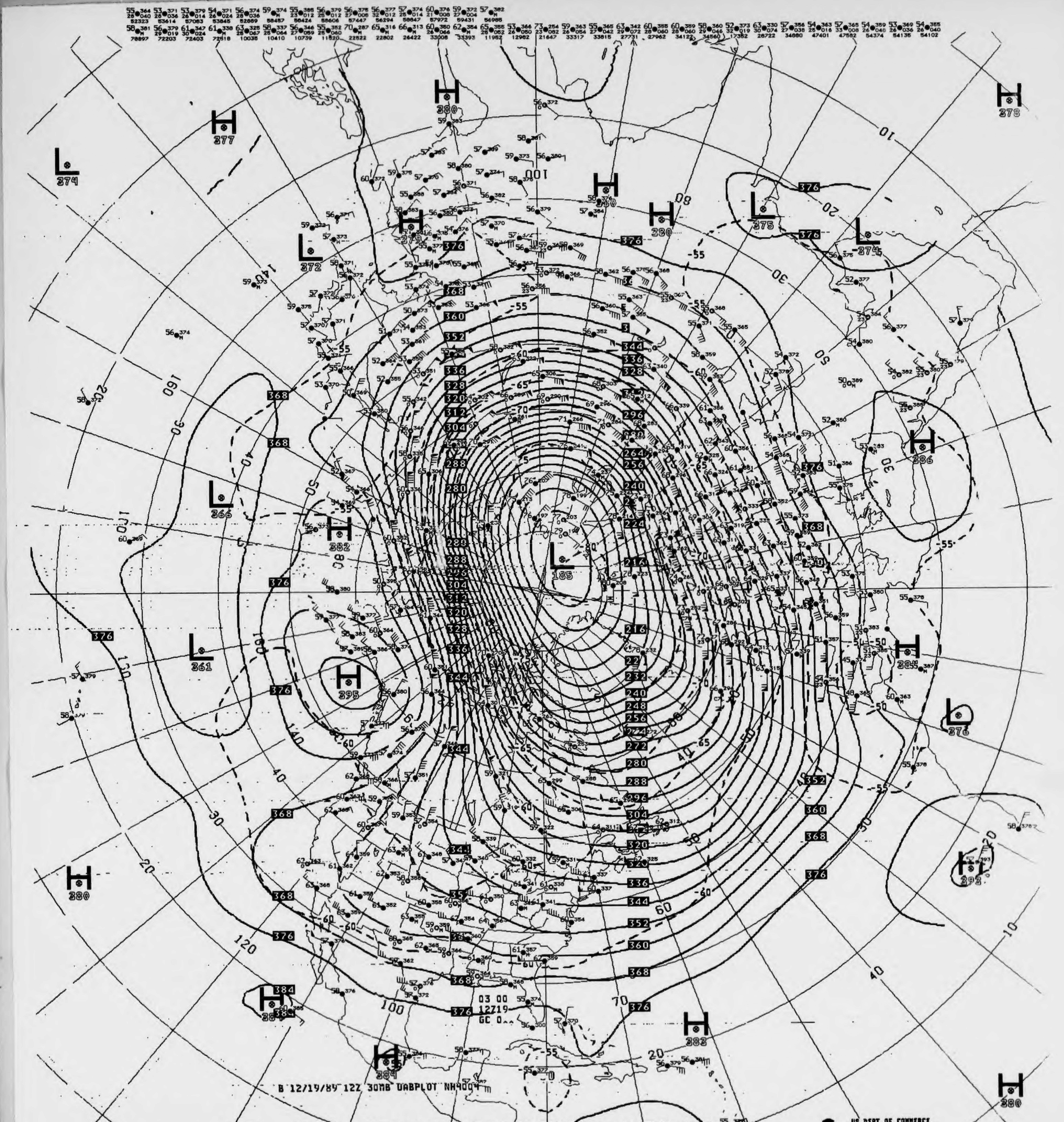
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/18/89 12Z 30MB UABPLOT NO 4004
03 00
12Z18
GC 0..

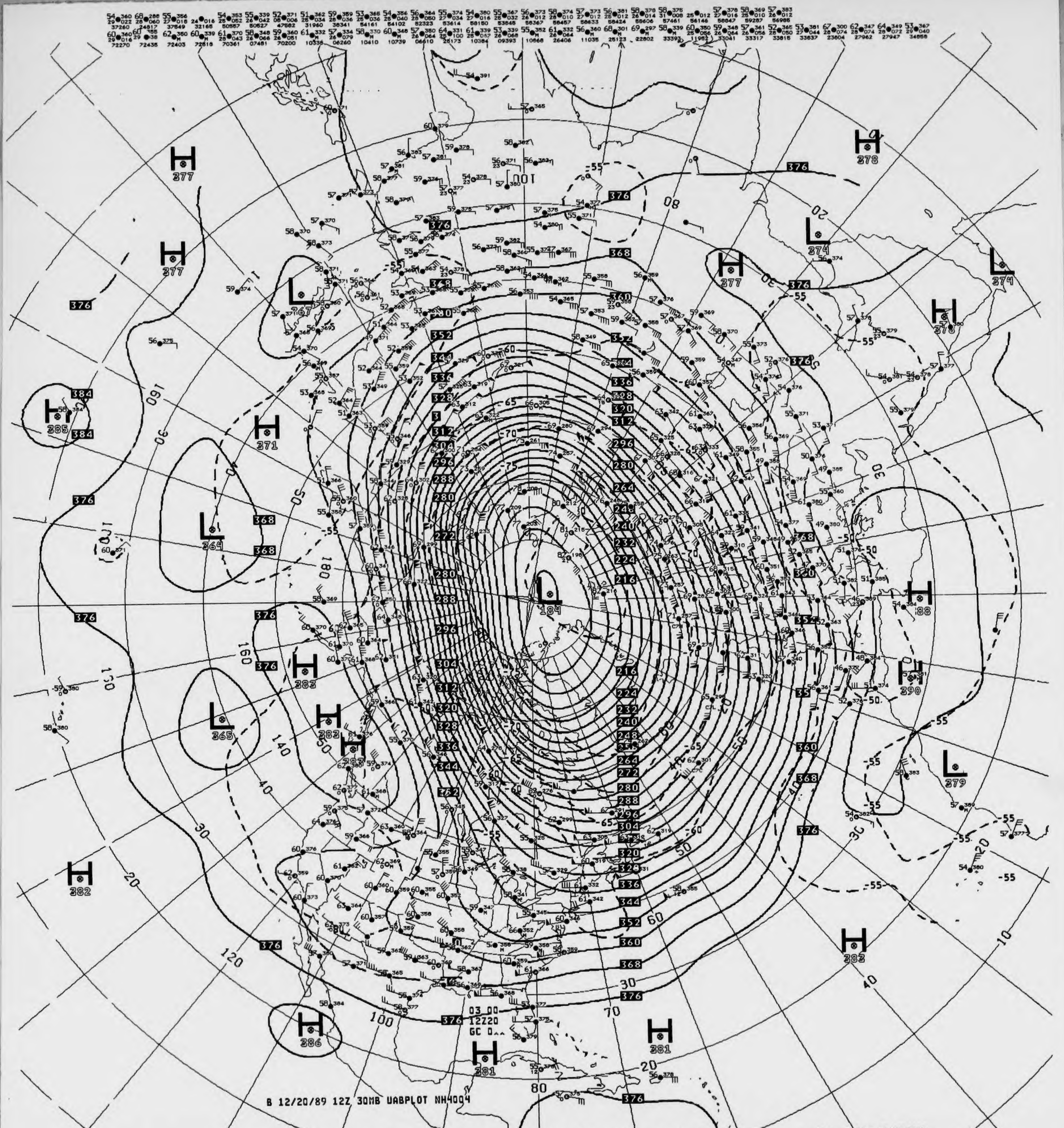
V432 .. 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 18 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/19/89 12Z 30MB UABPLOT NH4004
03 00
12Z19
L 185
H 395
H 380
H 384
H 382
H 386
L 361
L 366
L 372
L 274
L 275
L 274
H 377
H 378
H 380
H 383

V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 19 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/20/89 12Z 30MB UABPLOT NH4004
03 00
12Z20
GC 0
L 184
H 377
H 377
L 267
H 385
H 371
L 364
H 383
L 365
H 382
H 382
H 386
H 381
H 381
H 382
H 278
L 374
H 377
L 374
H 378
H 388
H 390
L 379
376
368
360
352
344
336
328
320
312
304
296
288
280
272
264
256
248
240
232
224
216
-55
-60
-65
-70
-75
180
160
140
120
100
80
70
60
50
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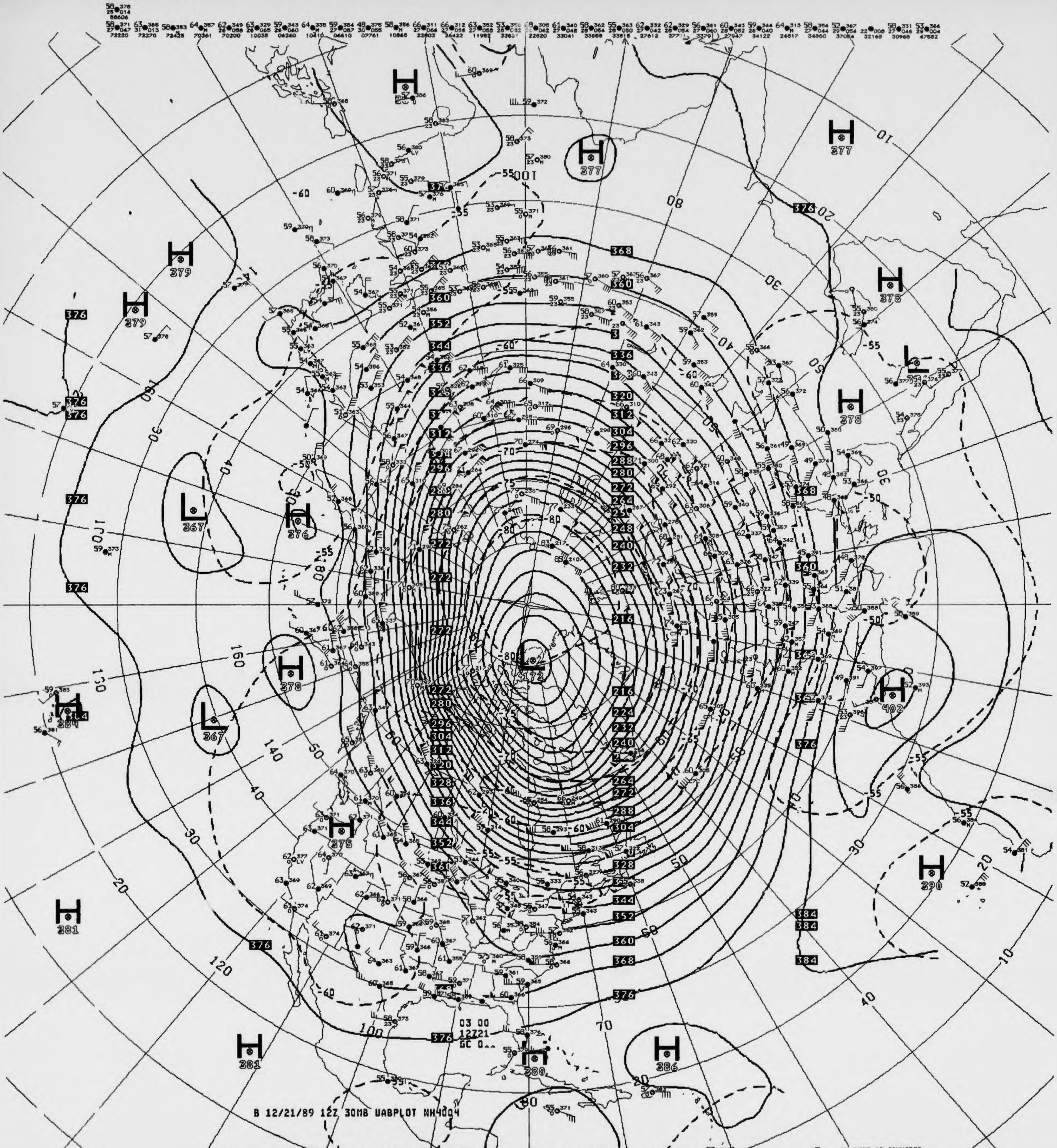
30
20
10

V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 20 DEC 89

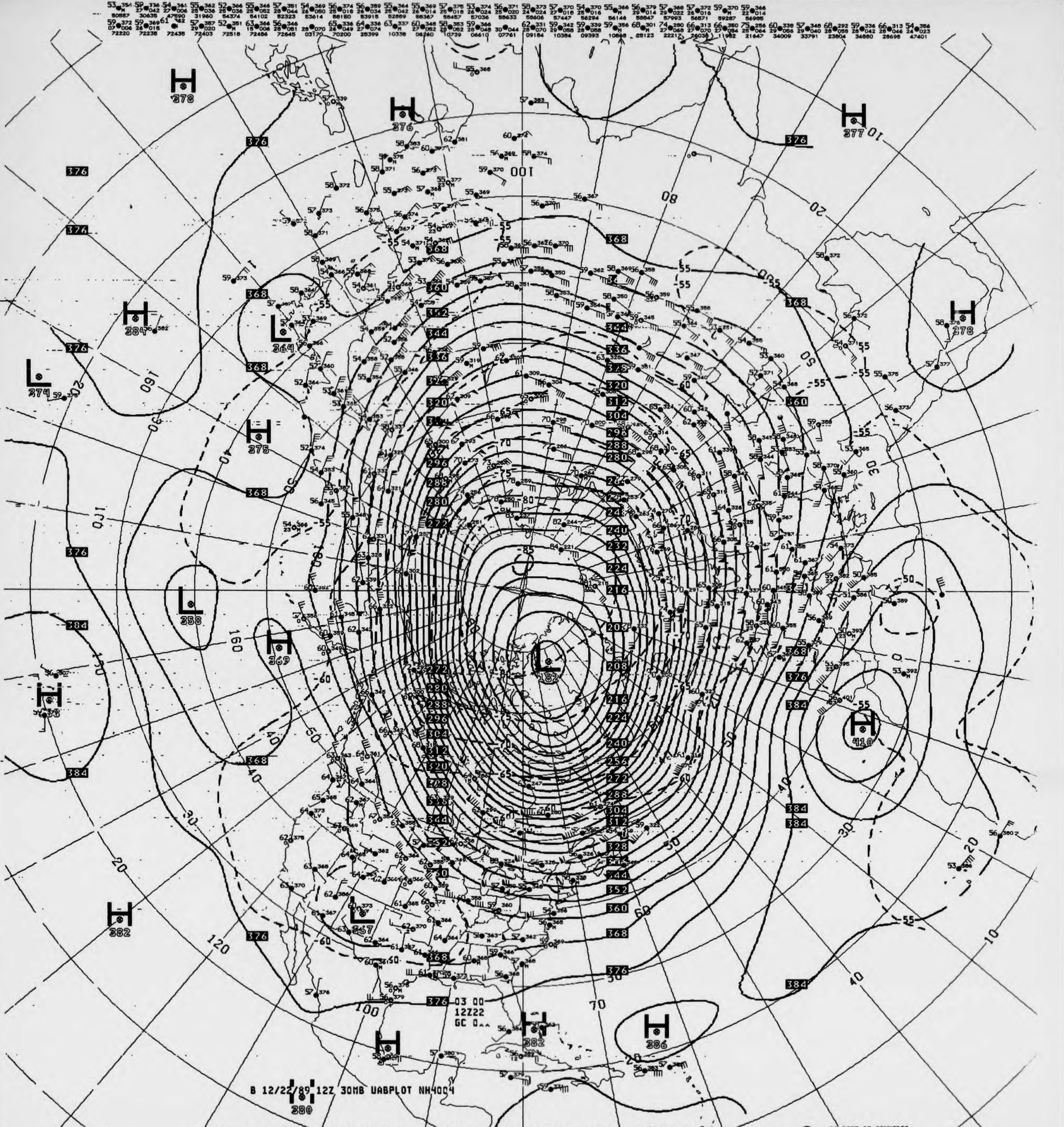
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/21/89 12Z 30MB UABPLOT NH4004

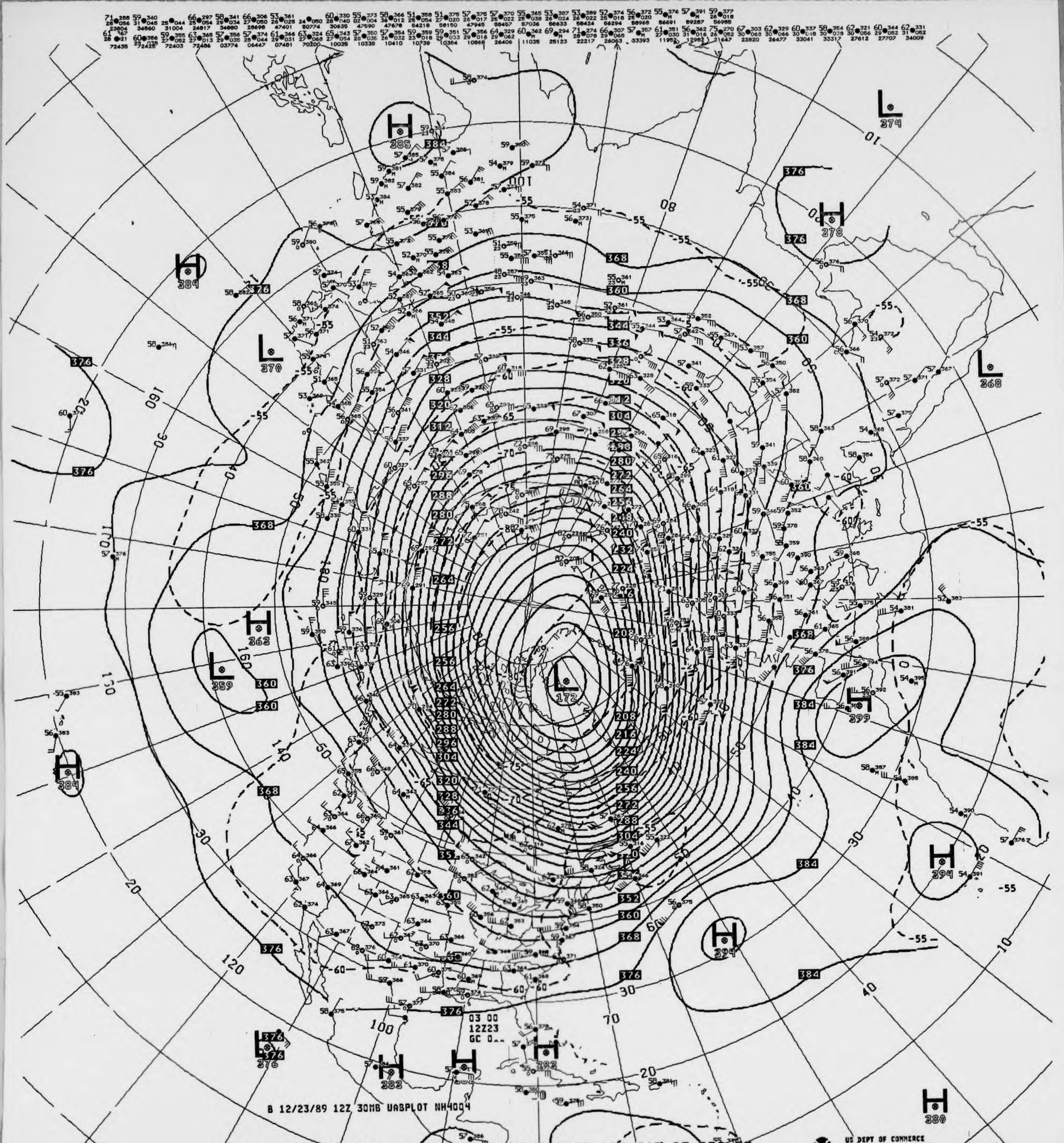
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 21 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/22/89 12Z 30MB UABPLOT NH4004
03 00
12Z22
GC 0
H 278
H 276
H 277
H 384
L 364
L 374
H 275
H 278
L 358
H 369
L 182
H 410
H 382
L 357
H 386
H 380
376
368
360
352
344
336
328
320
312
304
296
288
280
272
264
256
248
240
232
224
216
208
384

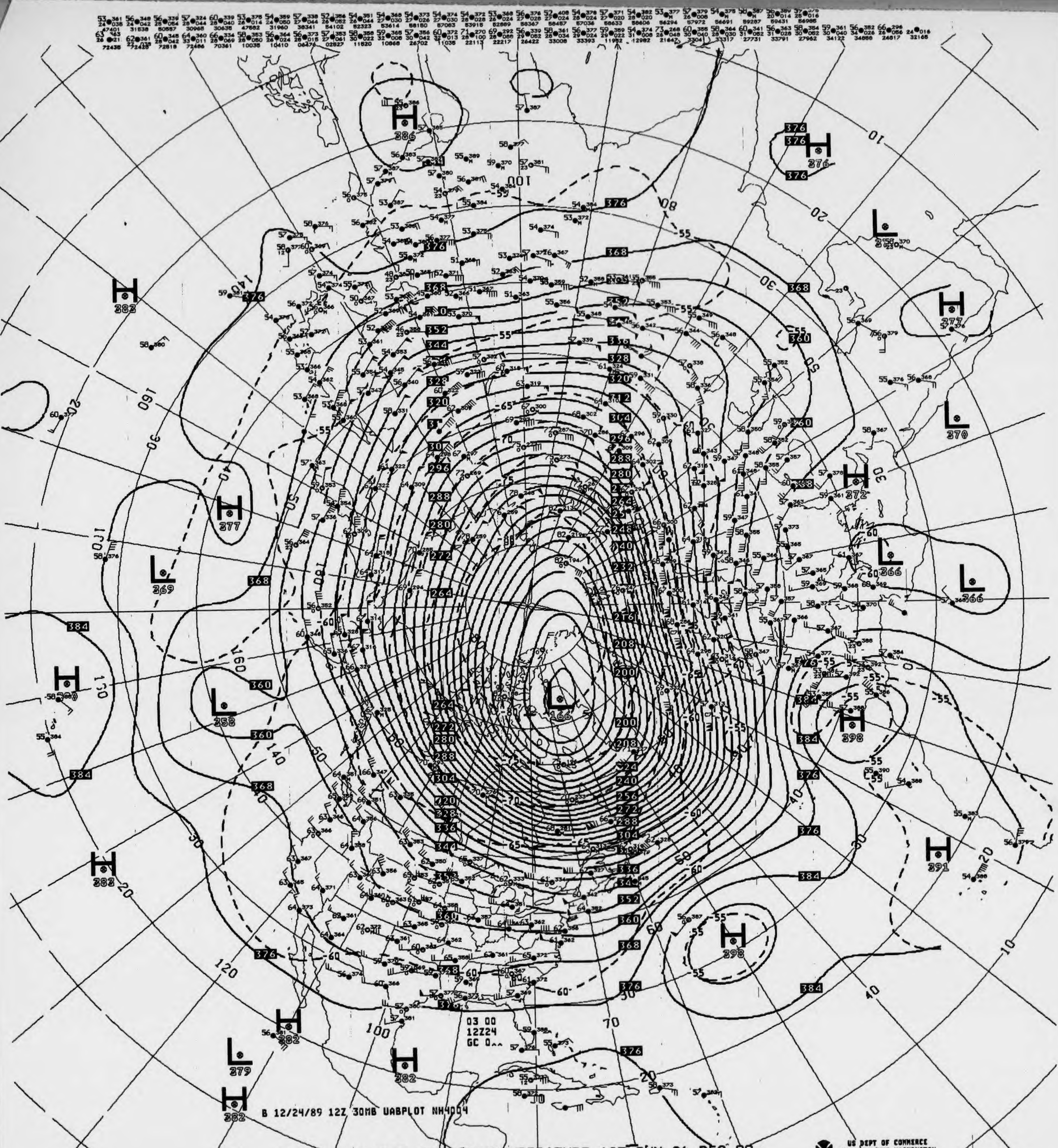
V432 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 22 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 385
H 384
L 370
H 363
L 359
H 384
L 172
H 399
H 394
H 394
L 374
H 278
L 368
H 383
H 380
376
368
360
352
344
336
328
320
312
304
296
288
280
272
264
256
248
240
232
224
216
208
384
-55
-60
-65
-70
-75
-80
03 00
12Z23
GC 0..
B 12/23/89 12Z 30MB UABPLOT NH4004

V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 23 DEC 89

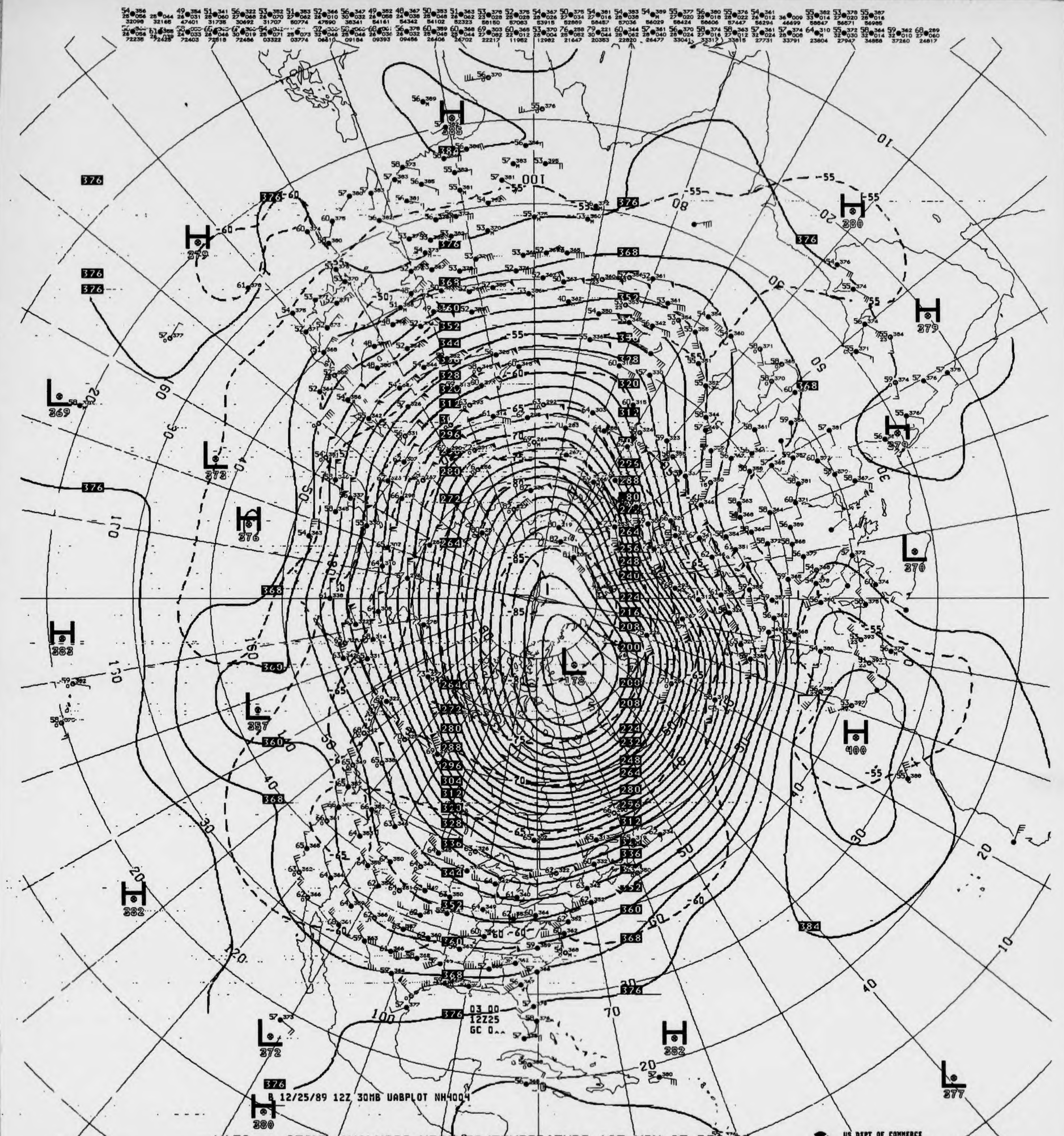
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 386
H 376
H 383
H 377
L 369
H 380
L 358
H 383
H 382
L 379
H 382
H 382
L 166
H 372
L 366
L 366
H 398
H 398
H 391
L 370
H 377
L 1000
03 00
12Z24
GC 0^^

B 12/24/89 12Z 30MB UAPLOT NH4004

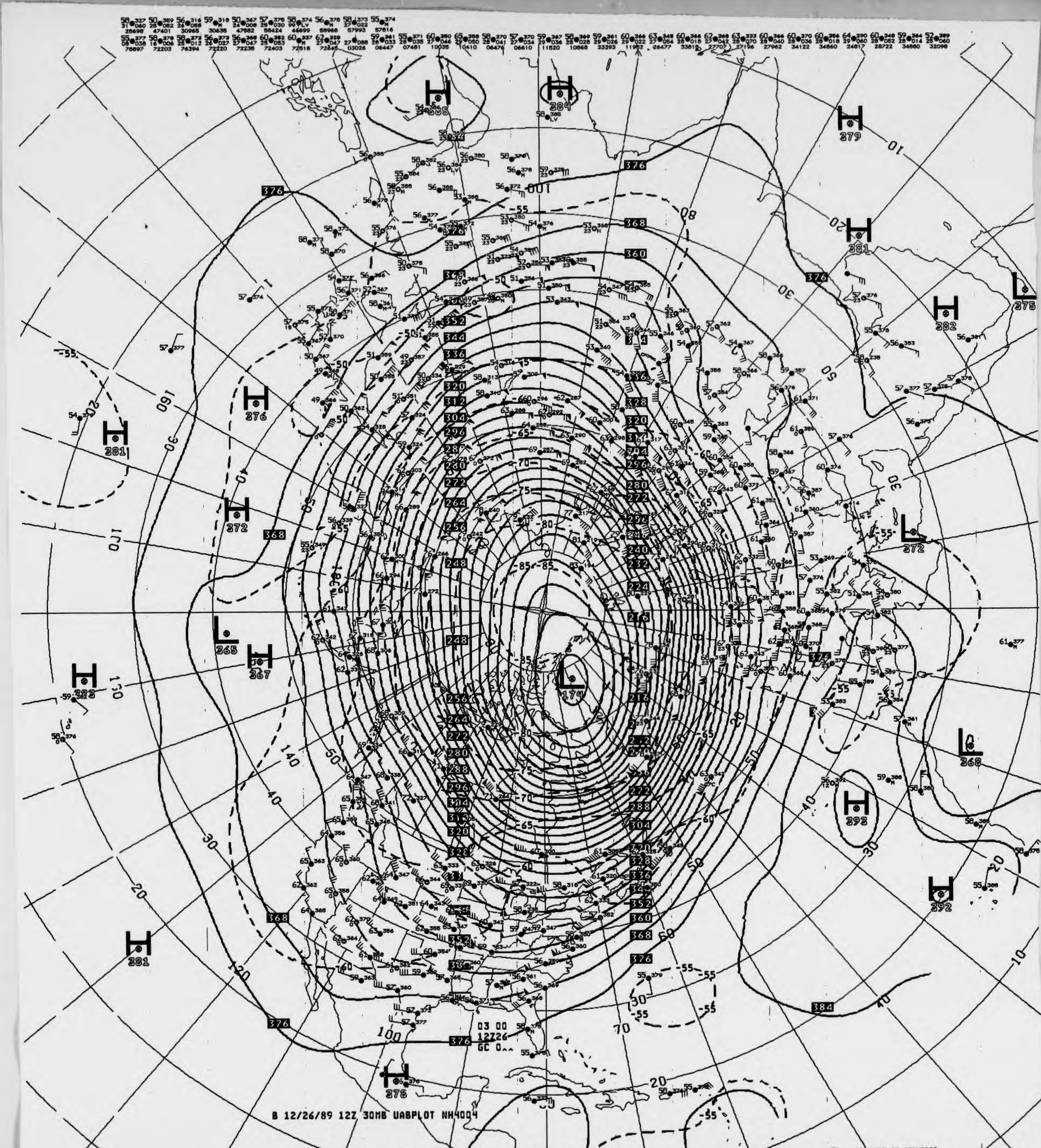
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 24 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/25/89 12Z 30MB UABPLOT NH4004
03 00
12Z25
GC 0..

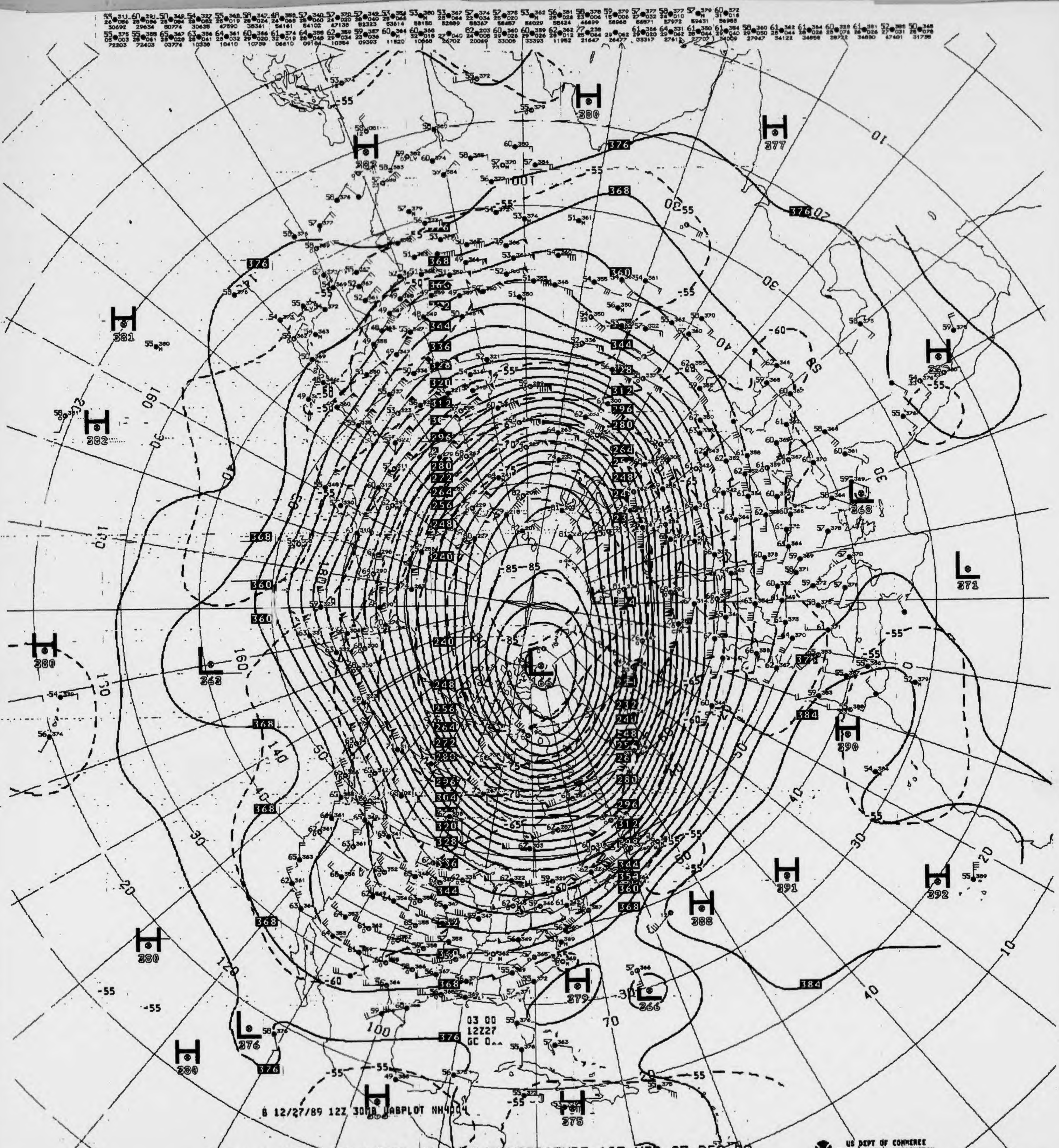
V432 .. 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 25 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
385
H
384
H
379
H
381
L
275
H
382
L
272
H
376
H
381
H
372
368
L
365
H
367
H
382
L
174
L
368
H
392
H
392
H
381
H
378
376
368
360
352
344
336
328
320
312
304
296
288
280
272
264
256
248
240
232
224
216
384
-55
-60
-65
-70
-75
-80
-85
03 00
12Z26
GC 0..
B 12/26/89 12Z 30MB UABPLOT NH4004

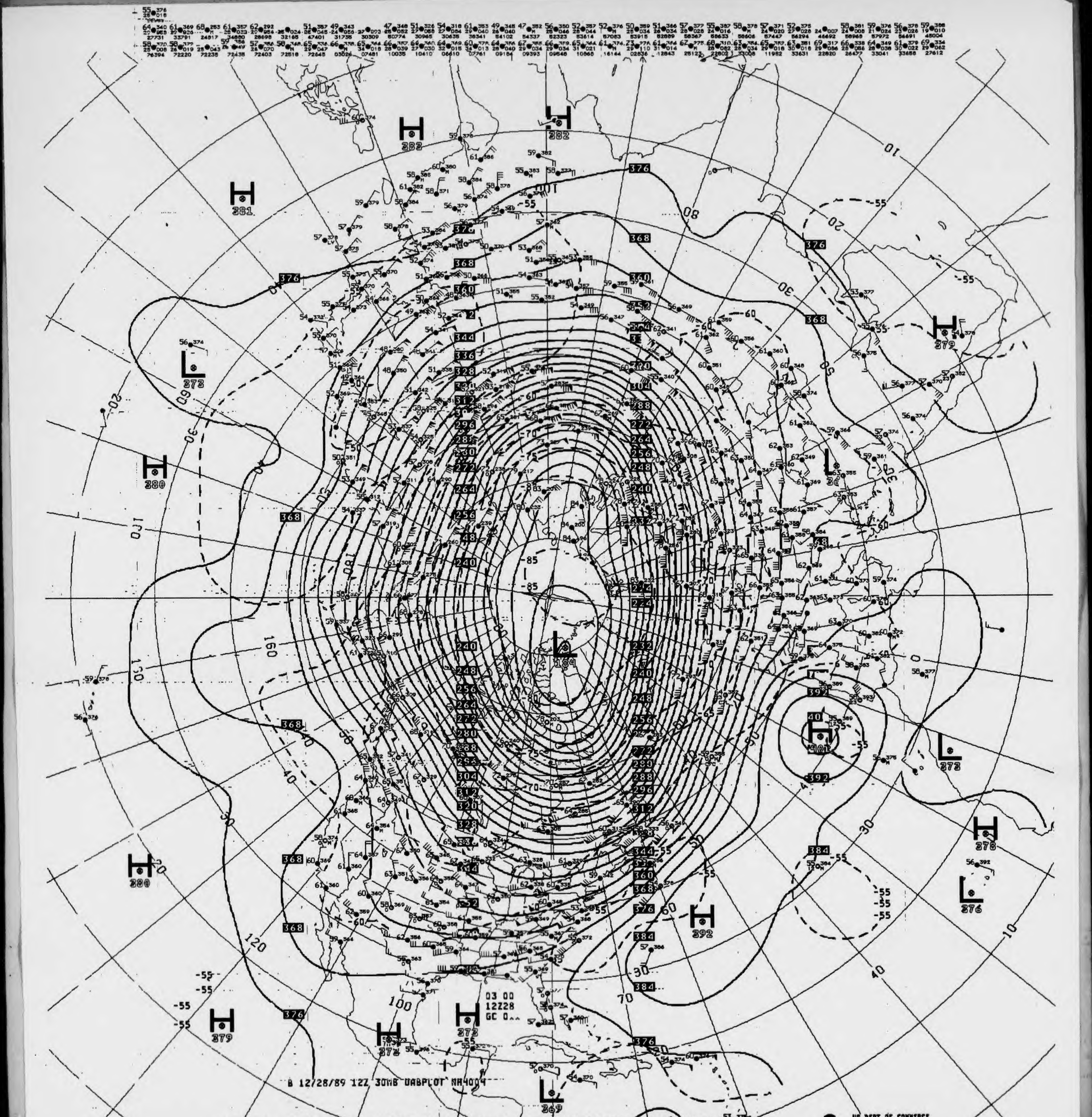
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 26 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


03 00
12Z27
GC 0
B 12/27/89 12Z 30MB UABPLOT NH4004
H 380
H 377
H 382
H 381
H 382
H 280
L 362
L 271
L 368
L 166
H 290
H 391
H 392
H 388
H 380
H 379
L 366
L 376
H 380
H 375
376
368
360
384
-55
-60
-65
-70
-85
10
20
30
40
50
70
100
120
130
140
160

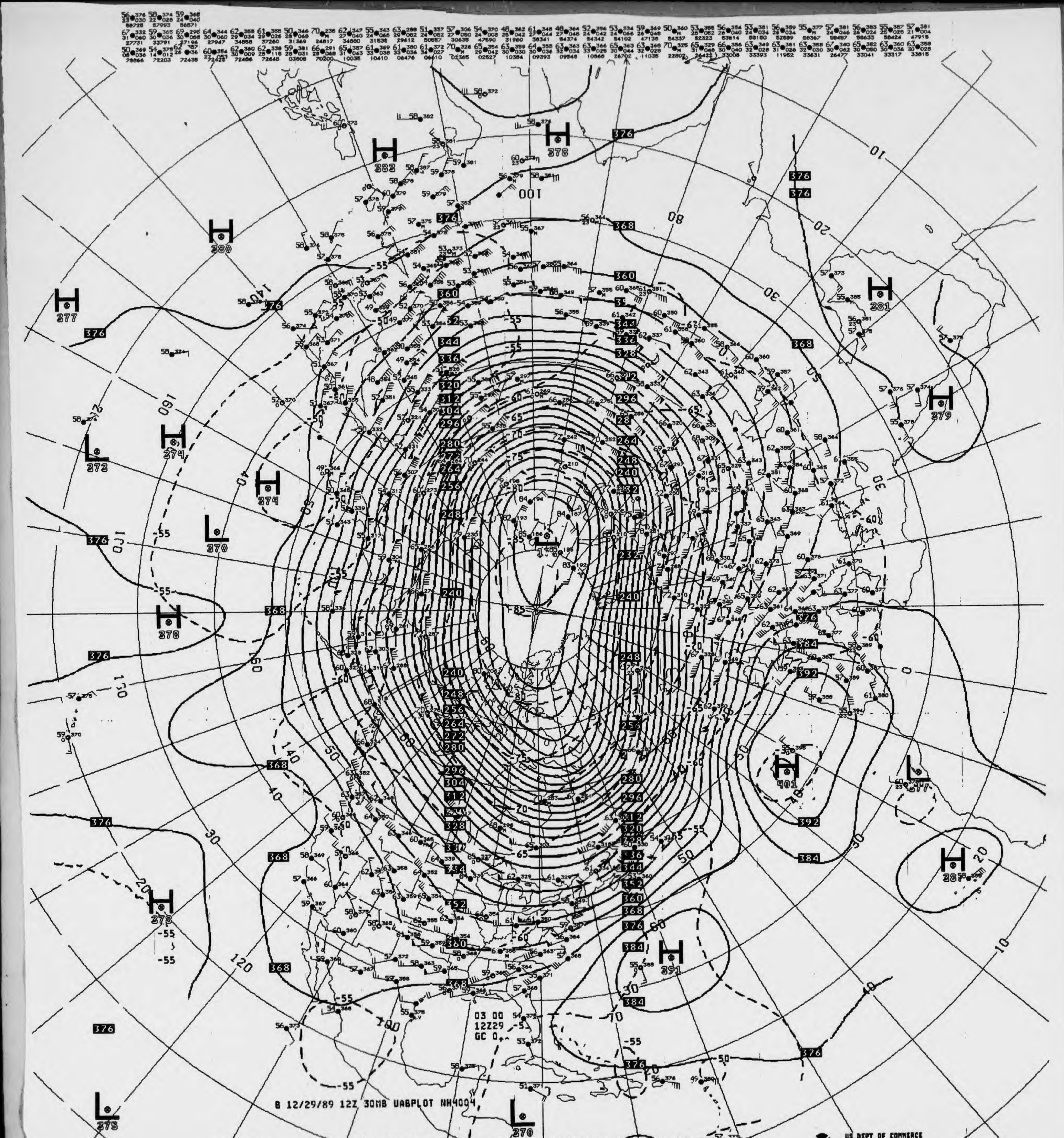
V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 27 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 382
H 382
H 381
L 373
H 280
H 272
H 401
L 184
L 373
H 378
L 376
H 392
H 280
H 379
H 372
H 372
L 369
376
368
360
352
344
336
328
320
312
304
296
288
280
272
264
256
248
240
232
224
384
392
-85
-55
10
20
30
40
50
60
70
80
100
120
160
180
B 12/28/89 12Z 30MB UABPLOT NA4004
03 00
12Z28
GC 0..

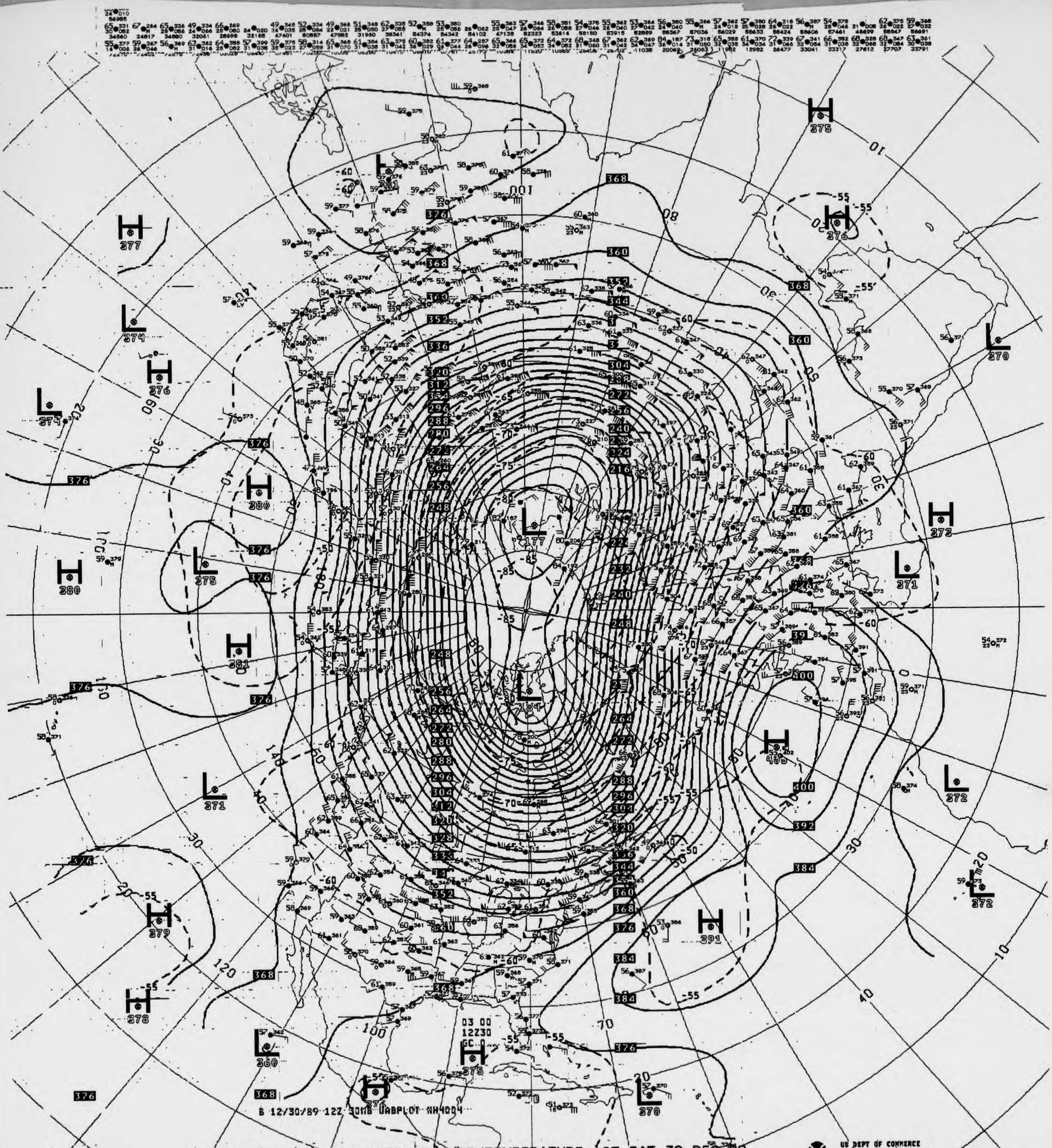
V432 .. 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 383
H 378
H 380
H 277
L 273
H 274
H 274
L 370
H 278
H 381
H 279
H 401
L 377
H 387
H 278
H 391
L 275
L 370
376
368
360
344
336
328
320
312
304
296
288
280
272
264
256
248
240
232
384
392
100
80
30
20
10
0
160
150
140
130
120
-55
-60
-65
-70
-75
-80
-85
03 00
12Z29
GC 0 ^^
B 12/29/89 12Z 30MB UABPLOT NH4004

V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 29 DEC 89

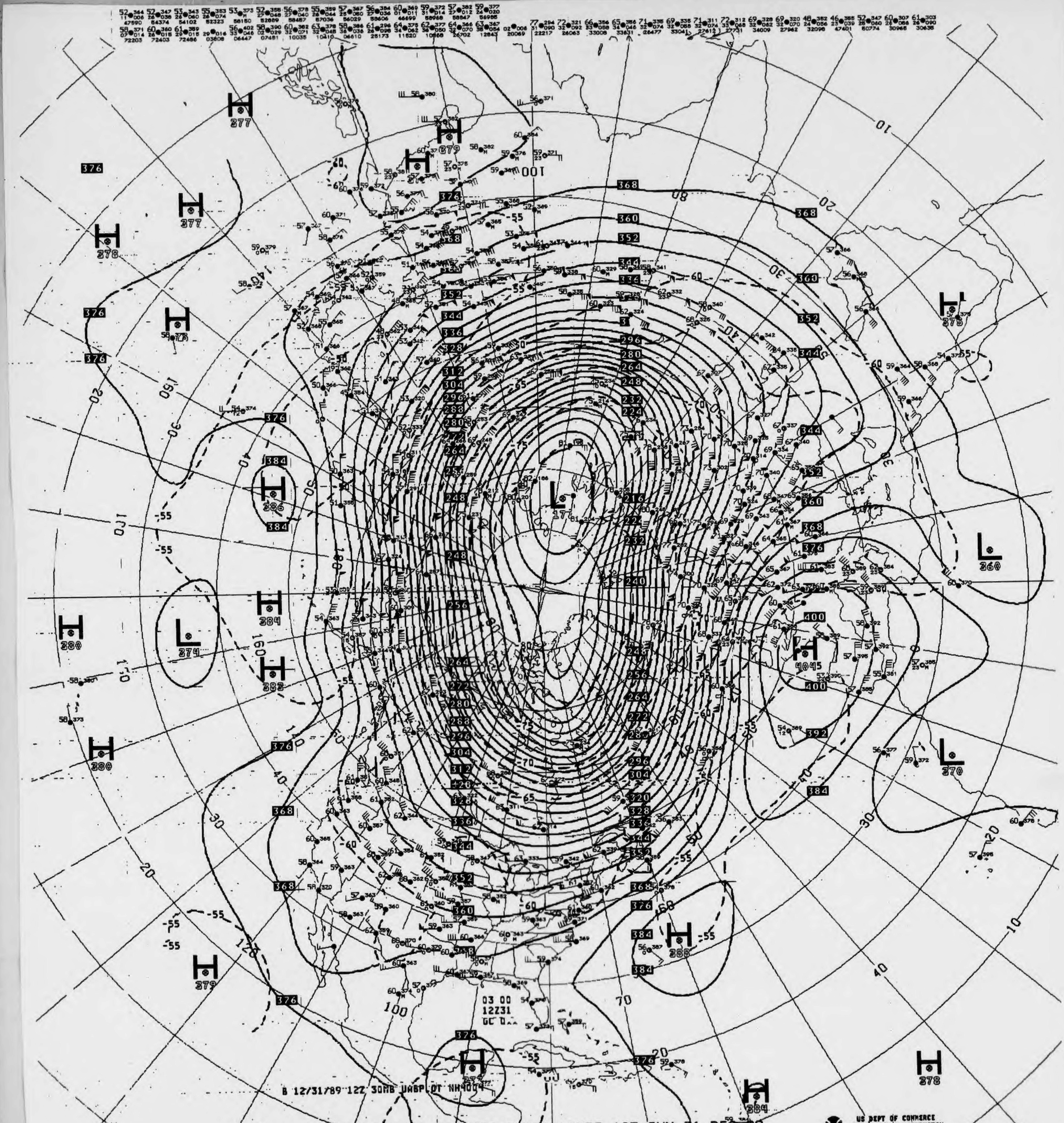
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/30/89 12Z 30MB UABPLOT NH4004
03 00
12Z30
GC
L 177
L 184
H 405
H 275
H 376
H 277
L 374
H 376
L 371
H 280
L 275
H 280
H 381
L 371
H 379
H 378
L 360
H 375
L 370
L 270
H 373
L 271
L 272
L 372
H 391

V432 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/31/89 12Z 30MB UABP OT NH4004
03 00
12Z31
H
277
H
279
H
377
H
378
H
386
H
384
H
383
H
380
H
380
L
374
L
177
H
4045
L
360
L
370
H
375
H
388
H
379
H
378
H
384

V432 ^^ 030MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 31 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

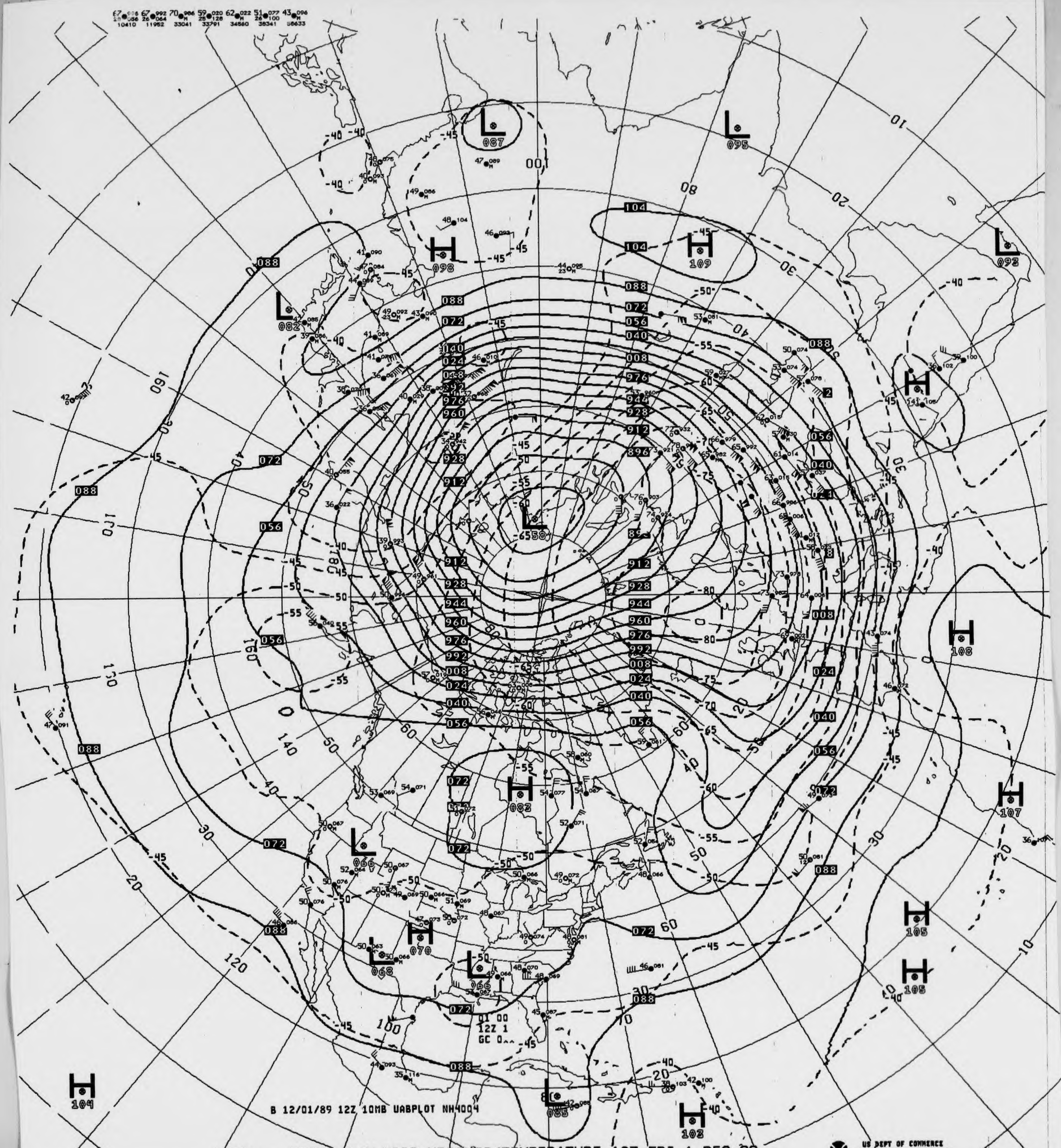
NOAA Form 48 - 366E
(Rev. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

10 MB CONSTANT PRESSURE CHARTS

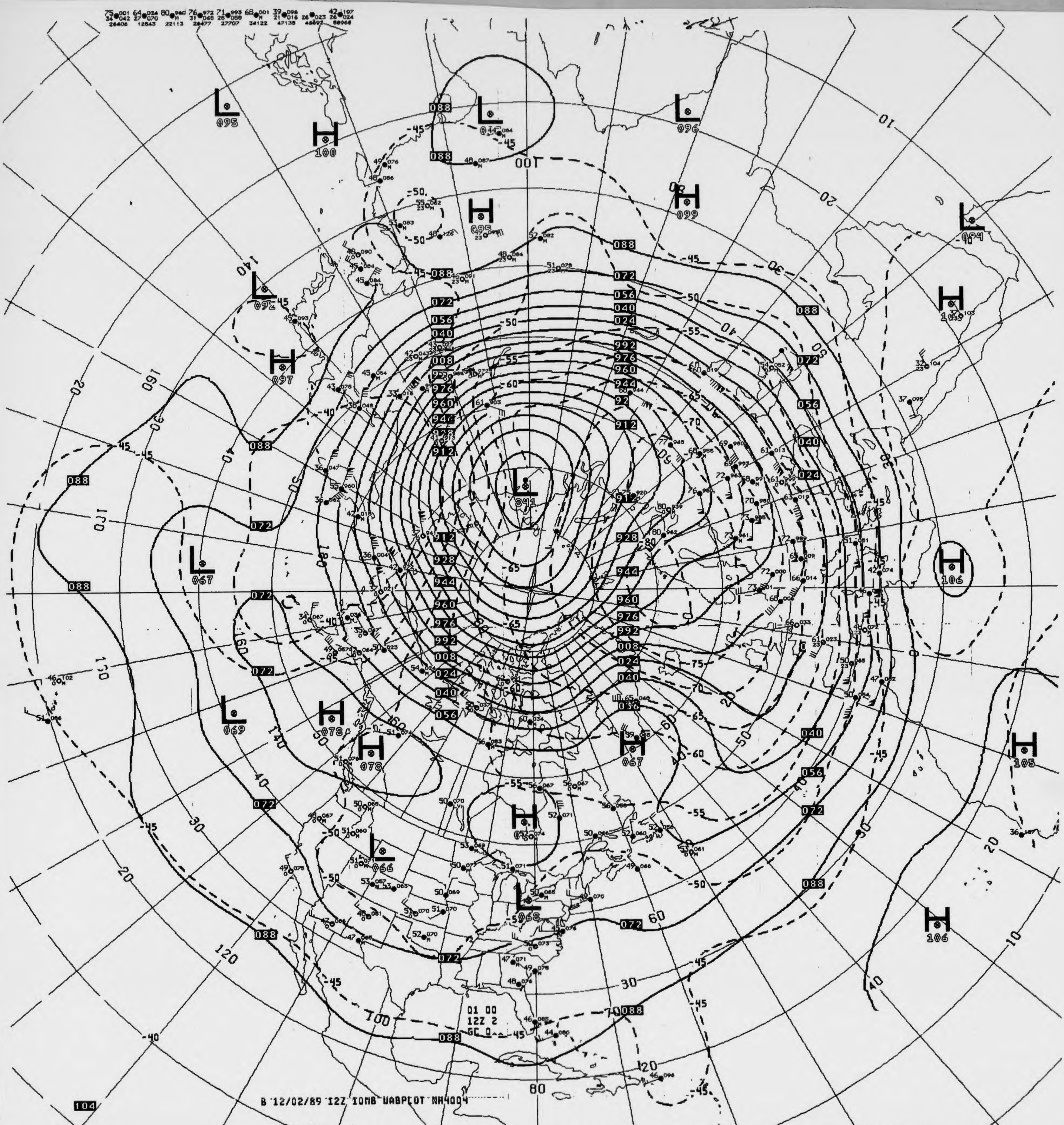
STRATOSPHERIC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING


L 087
L 095
L 093
H 098
H 109
L 082
H 108
H 107
H 105
H 105
H 104
H 103
L 085
H 083
L 066
H 070
L 068
L 066
L 58
01 00
12Z 1
GC 0^^
B 12/01/89 12Z 10MB UABPLOT NH4004

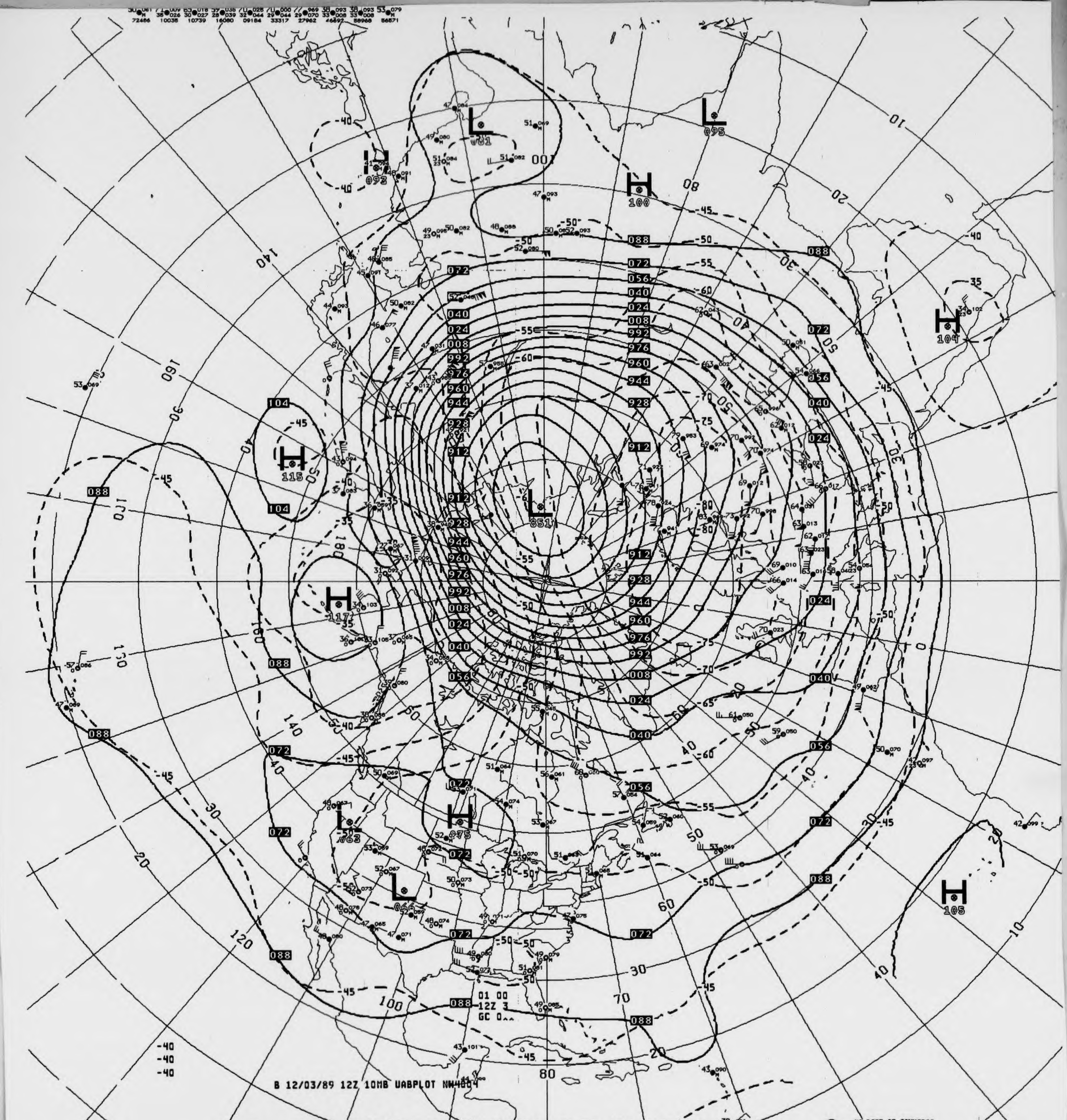
V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 1 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


01 00
12Z 2
GC 0
B 12/02/89 12Z 10MB UABPLOT NA4004

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 2 DEC 89

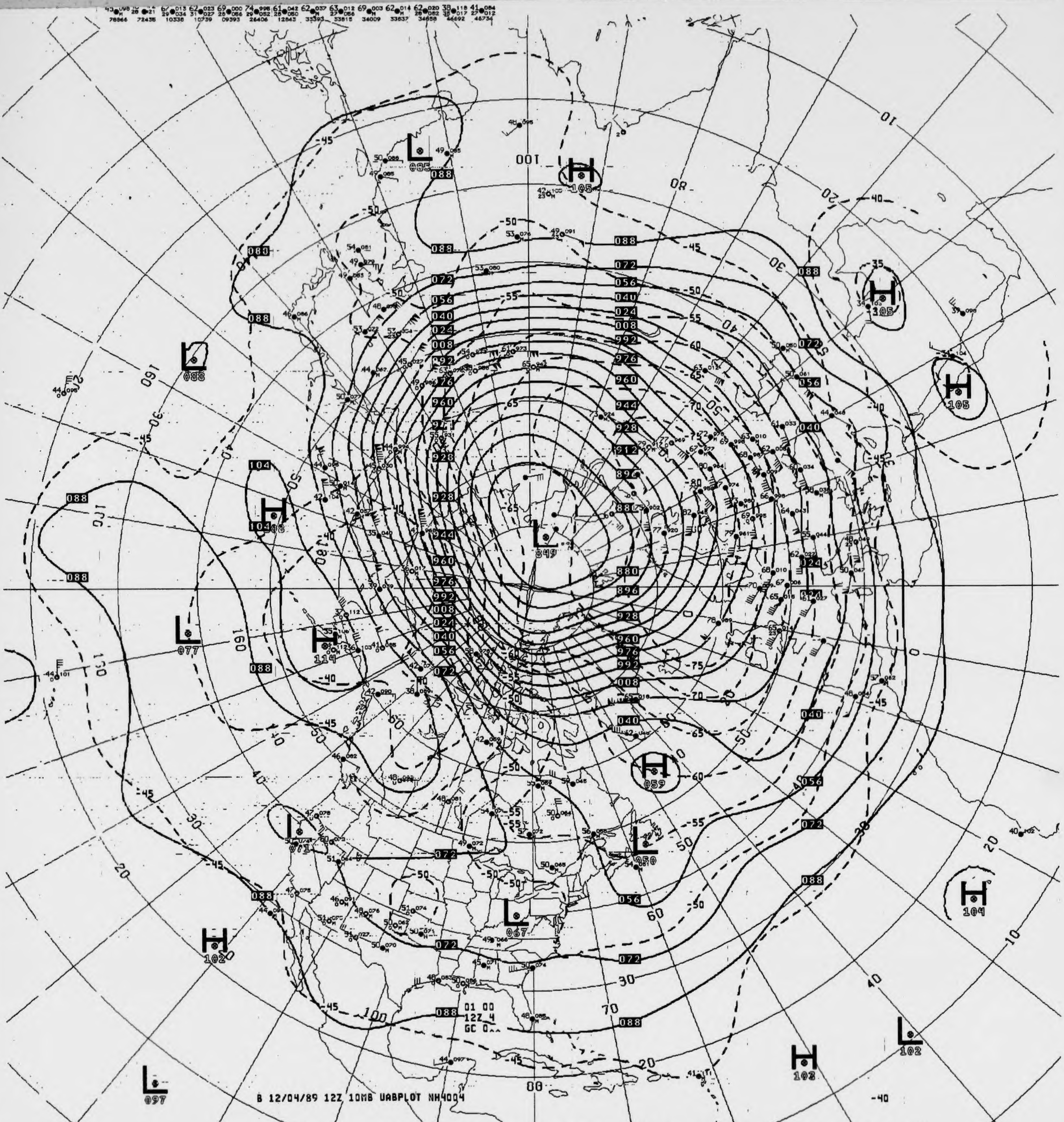
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



L 851
L 095
H 100
H 104
H 115
H 117
H 105
H 075
L 063
L 046
B 12/03/89 12Z 10MB UABPLOT NW4804
01 00
12Z 3
-40
-40
-40

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 3 DEC 89

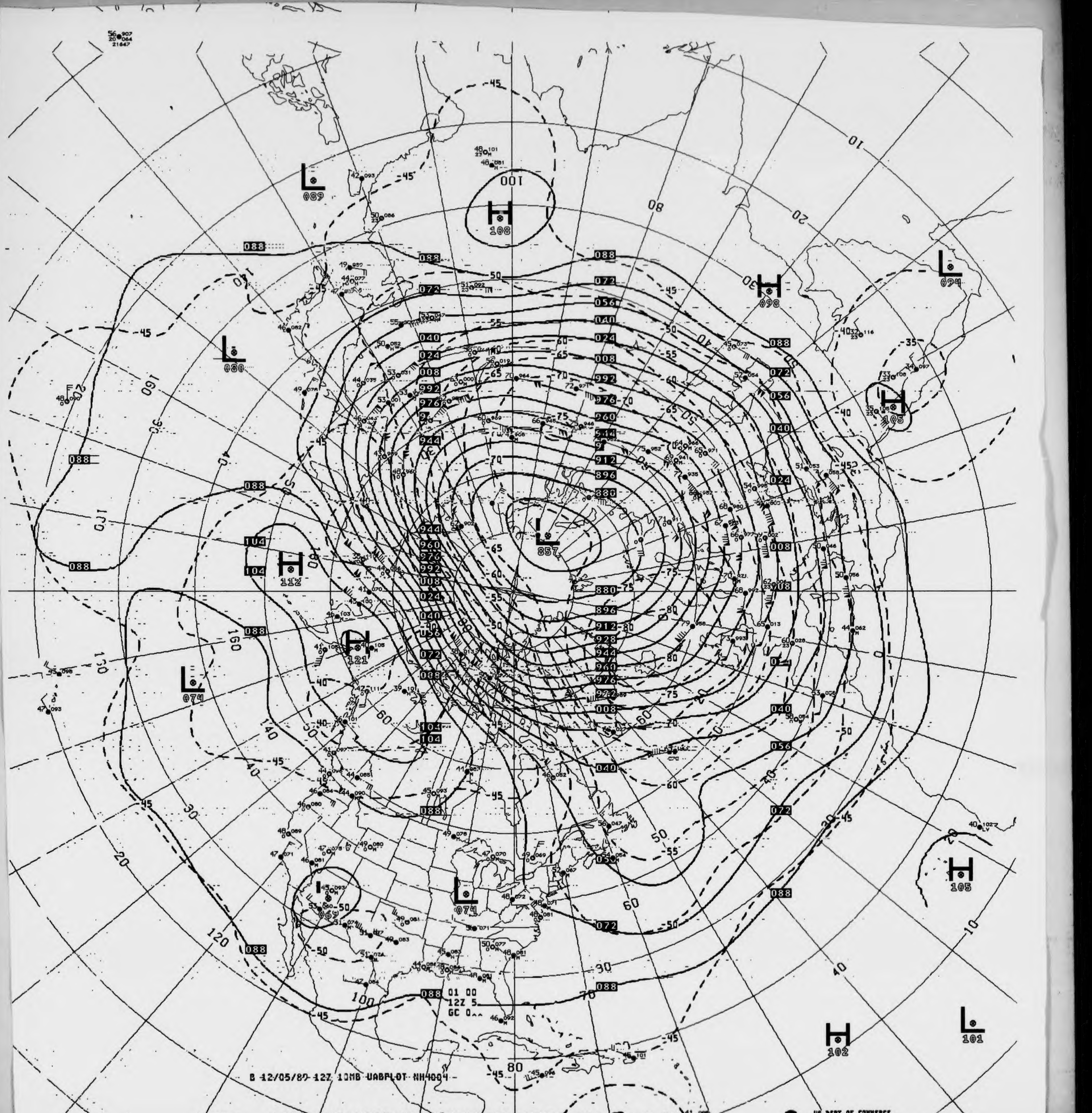
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



L 849
H 105
H 105
H 105
H 104
H 114
H 059
H 102
H 103
H 104
L 085
L 088
L 077
L 071
L 067
L 050
L 102
L 097
01 00
12Z 4
GC 0
B 12/04/89 12Z 10MB UABPLOT NH4004

V433 ... 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 4 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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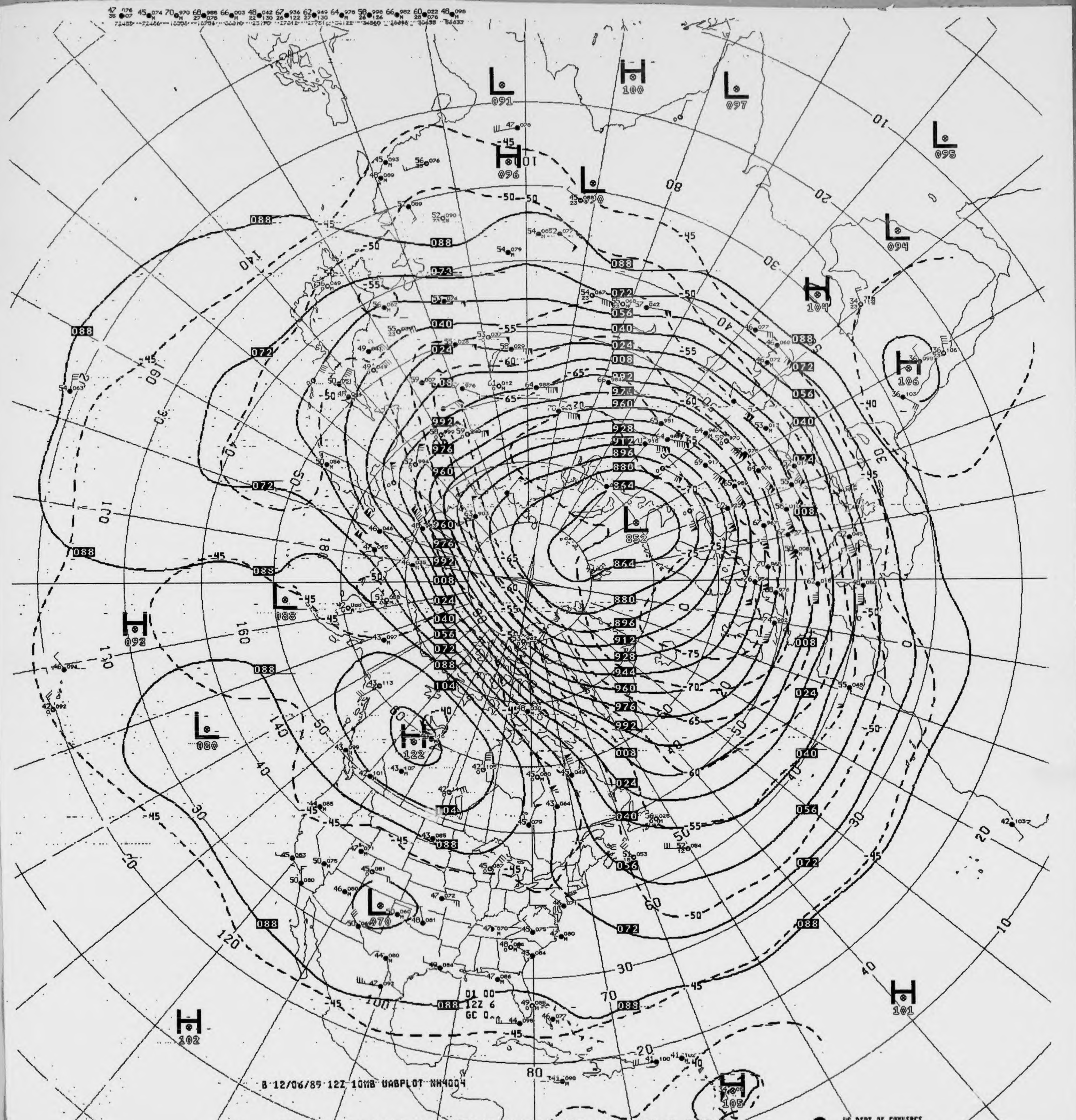
L 080
H 098
L 094
H 105
L 857
H 112
H 121
L 074
L 065
L 074
H 105
H 102
L 101
01 00
12Z 5
GC 0^^
B 12/05/89 12Z 10MB UABPLOT NH4004

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 5 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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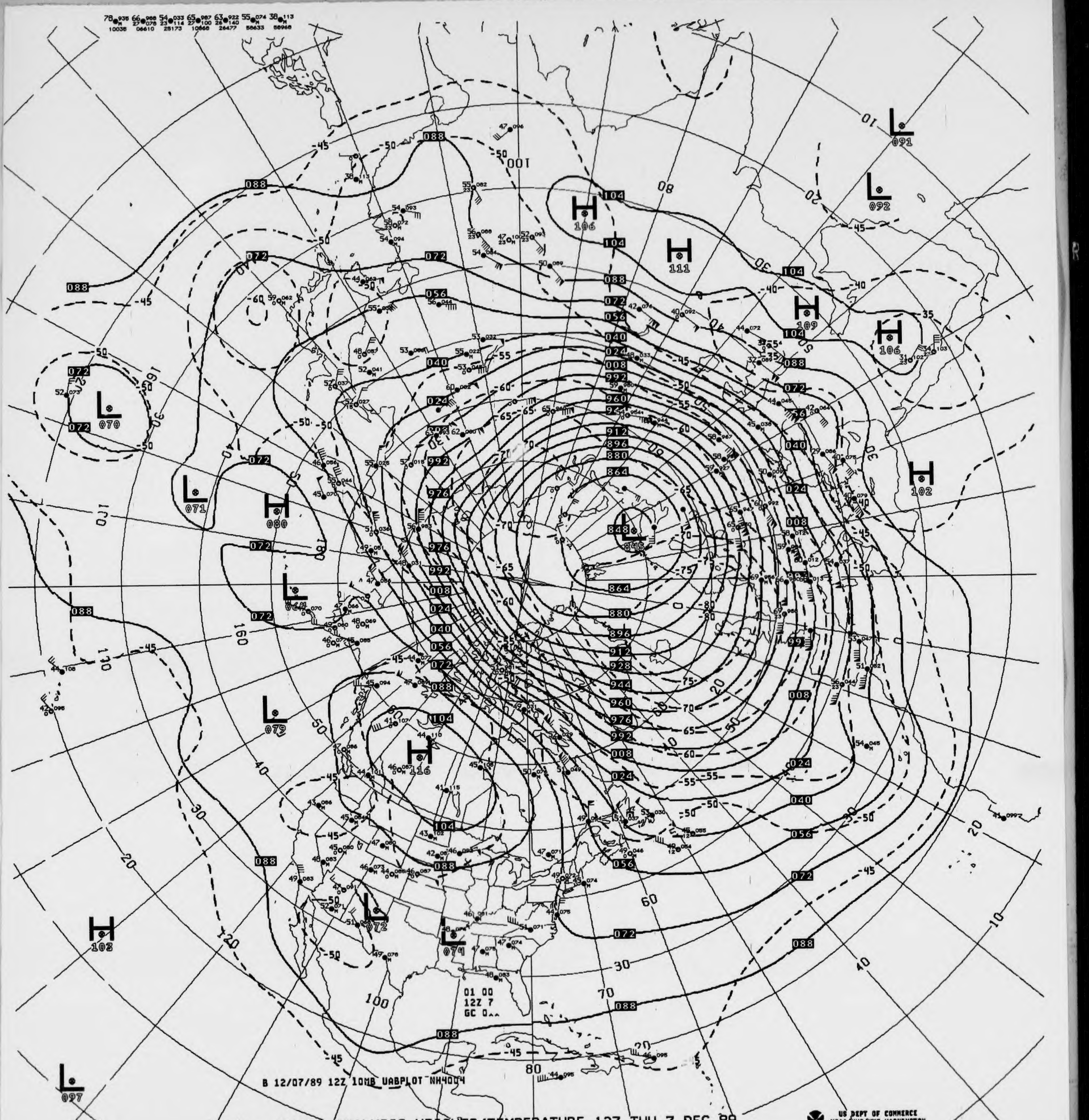
V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 6 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 106
H 102
H 080
H 116
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L 091
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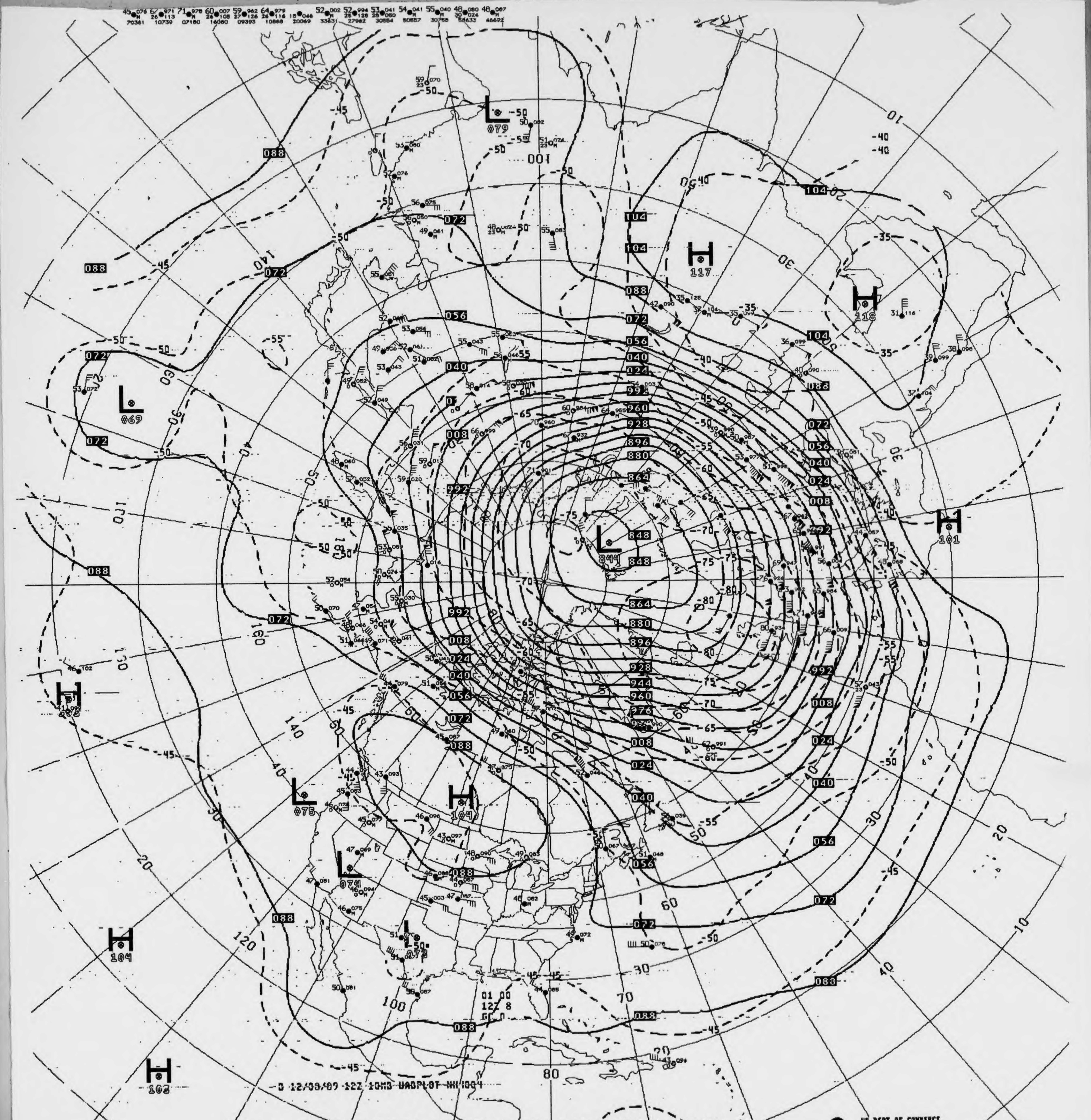
L 070
L 071
L 079
L 072
L 074
L 097
L 845

B 12/07/89 12Z 10MB UABPLOT NH4004

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 7 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



L 079
L 069
L 844
L 075
L 079
H 117
H 118
H 101
H 104
H 104
H 102
088
072
056
040
024
992
960
928
896
880
864
848
104
-50
-45
-55
-60
-65
-70
-75
-80
-40
-35
D 12/08/89 12Z 10MB UAPLOT NH1004
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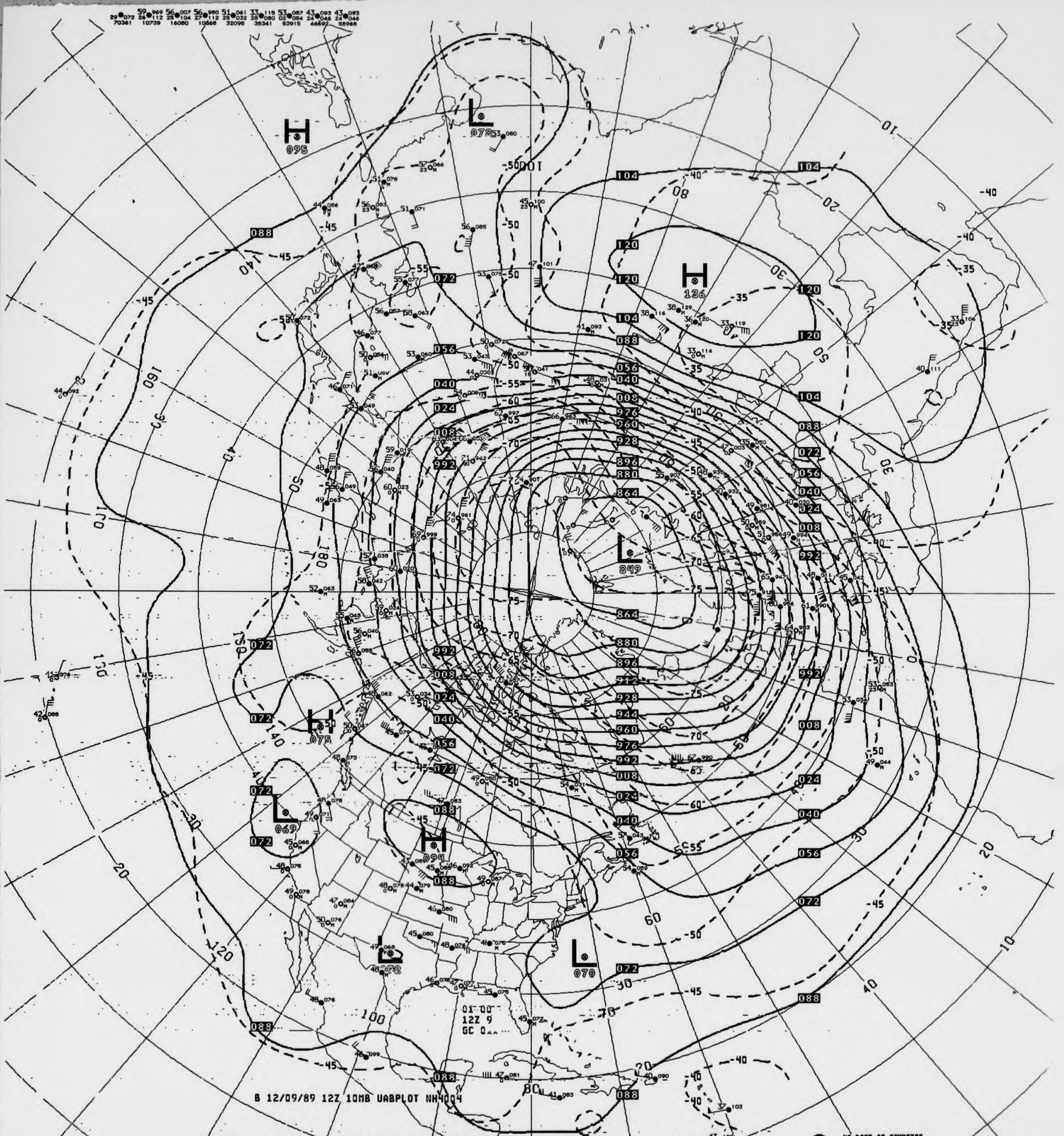
12Z 8
GC 0

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 8 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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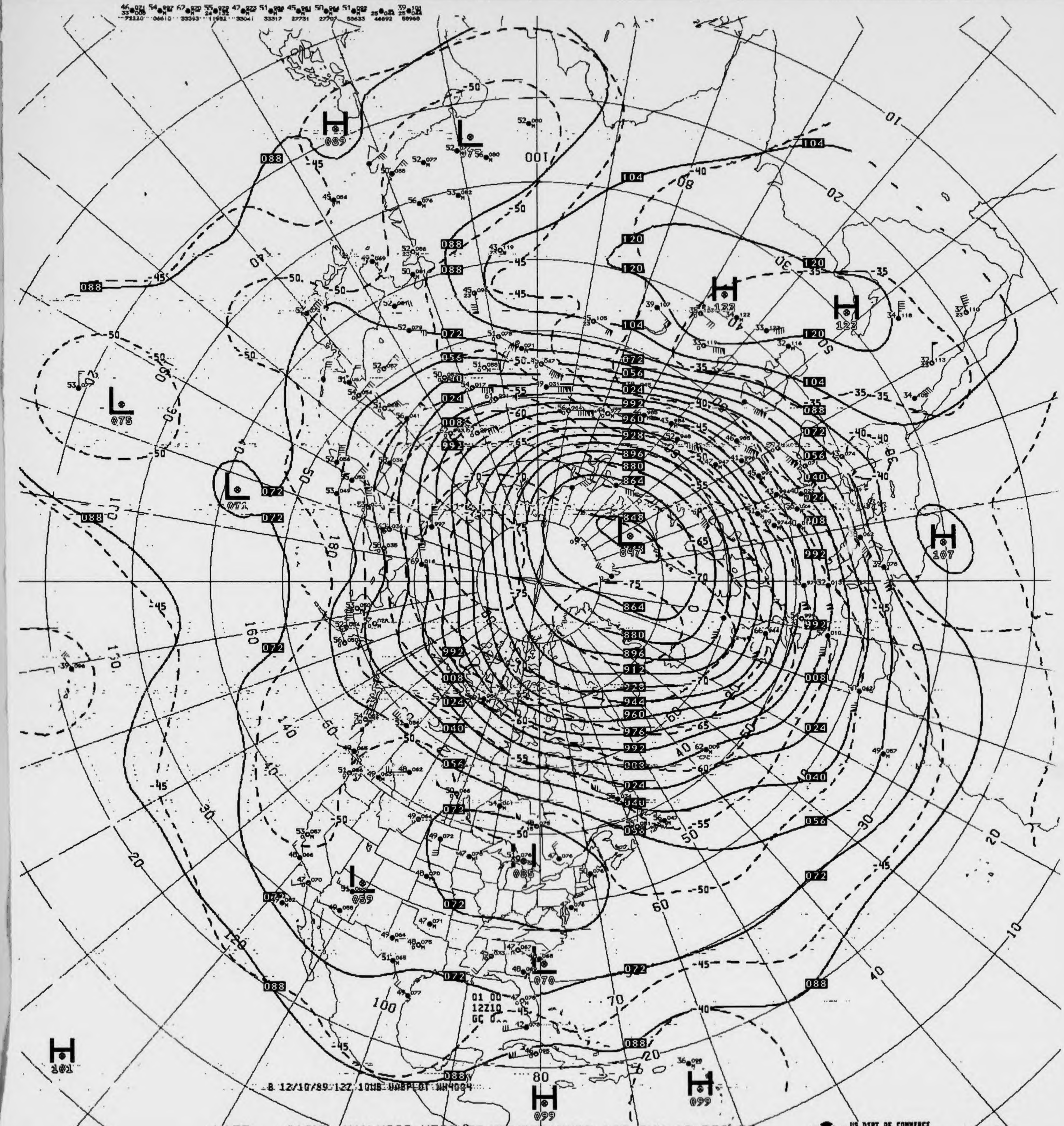
095
L
078
H
136
L
849
H
075
L
069
H
094
L
070
104
120
088
072
056
040
024
008
992
976
960
944
928
912
896
880
864
-45
-50
-55
-60
-65
-70
-75
B 12/09/89 12Z 10MB UABPLOT NH4004

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 9 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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L 075
L 075
L 071
H 122
H 123
L 847
H 107
L 085
L 059
L 070
H 101
H 099
H 099
848
864
880
896
912
928
944
960
976
992
008
024
040
056
072
088
104
120
-35
-40
-45
-50
-55
-60
-65
-70
-75
8 12/10/89 12Z 10MB UABPLOT NH4004
01 00
12Z10
10
20
30
40
50
60
70
80
100
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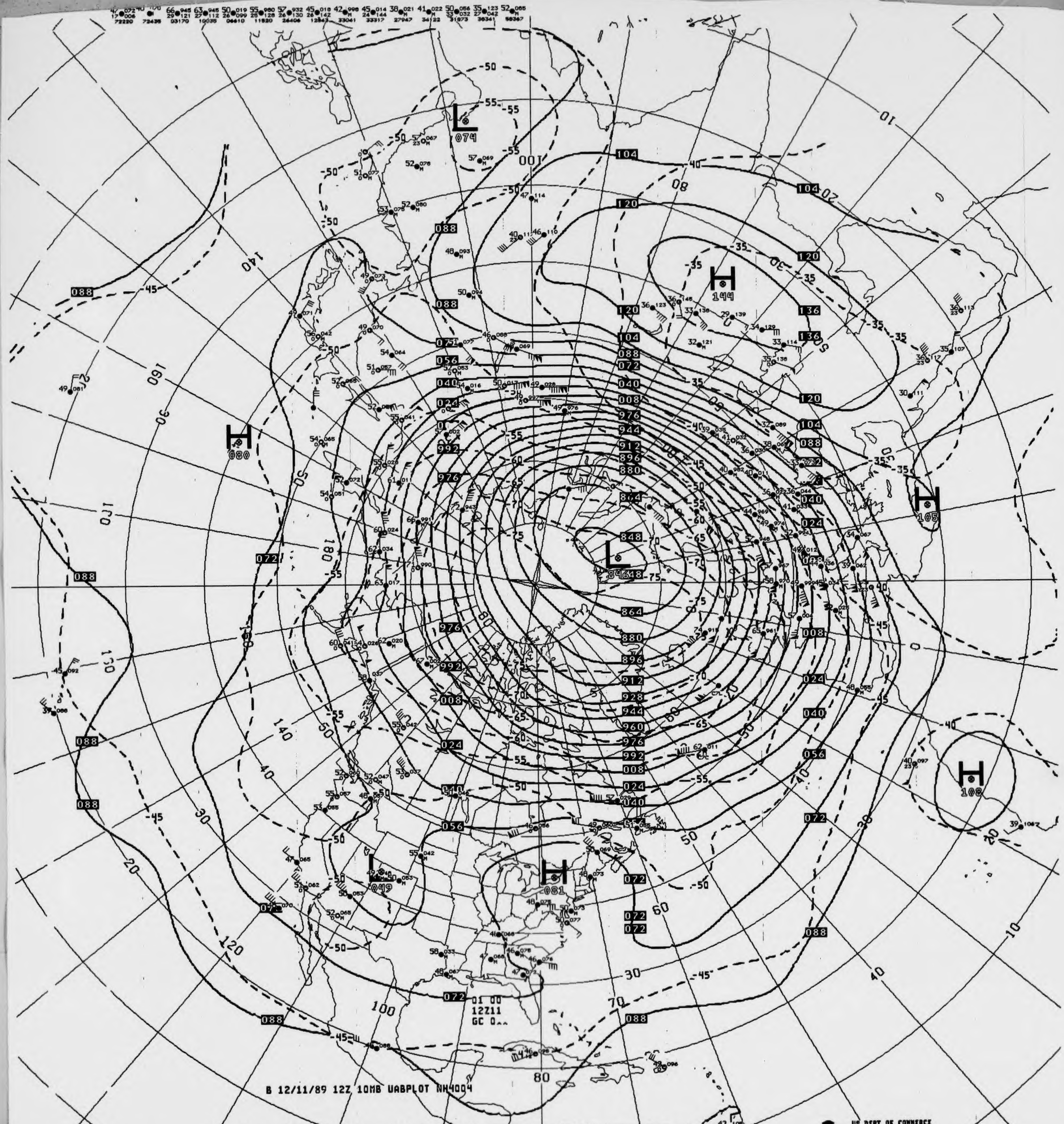
140
160
180

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 10 DEC 89

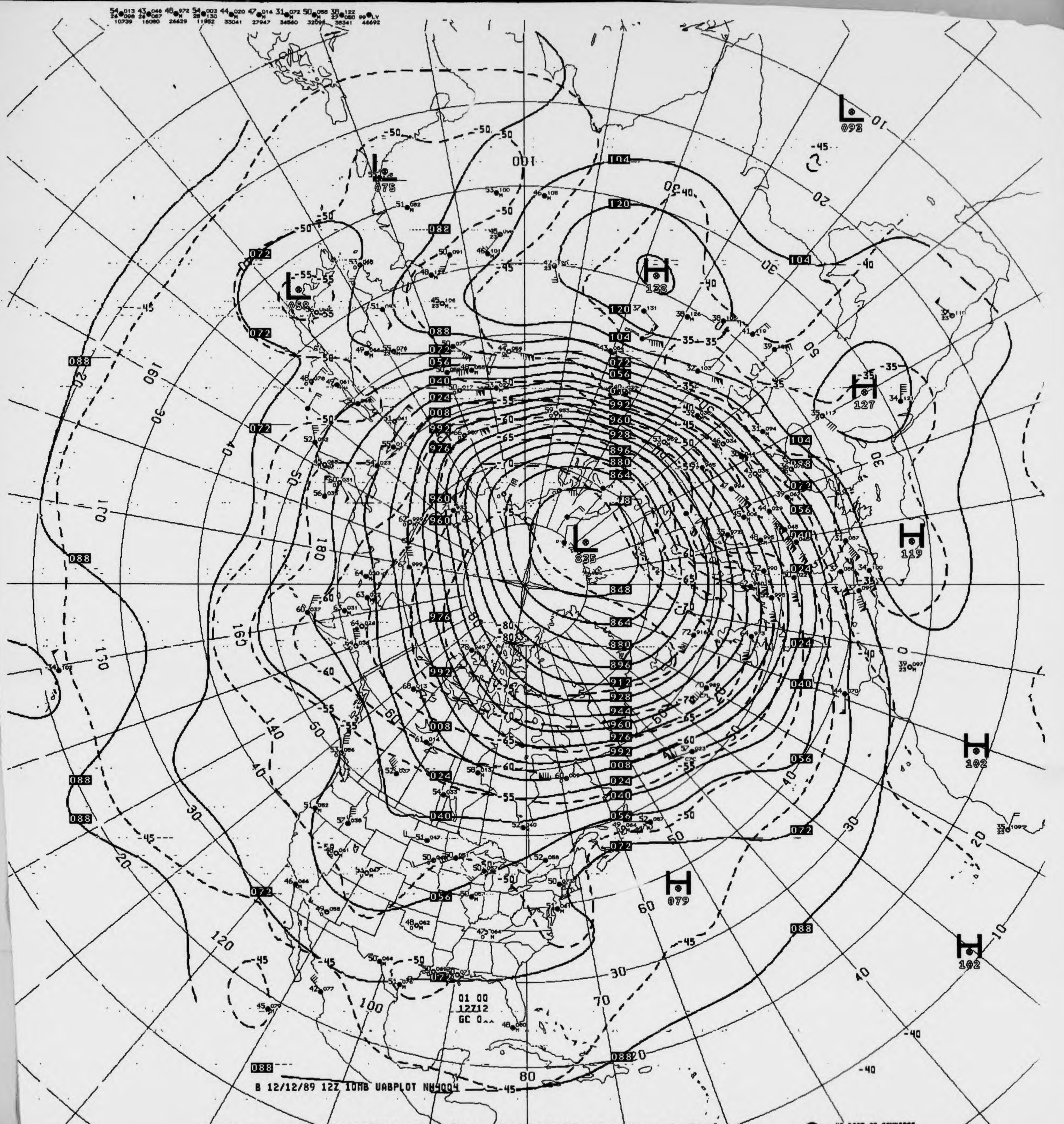
U.S. DEPT. OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
074
H
144
H
080
H
105
L
846
H
108
L
049
H
081
01 00
12Z11
GC 0^^

B 12/11/89 12Z 10MB UABPLOT NH4004

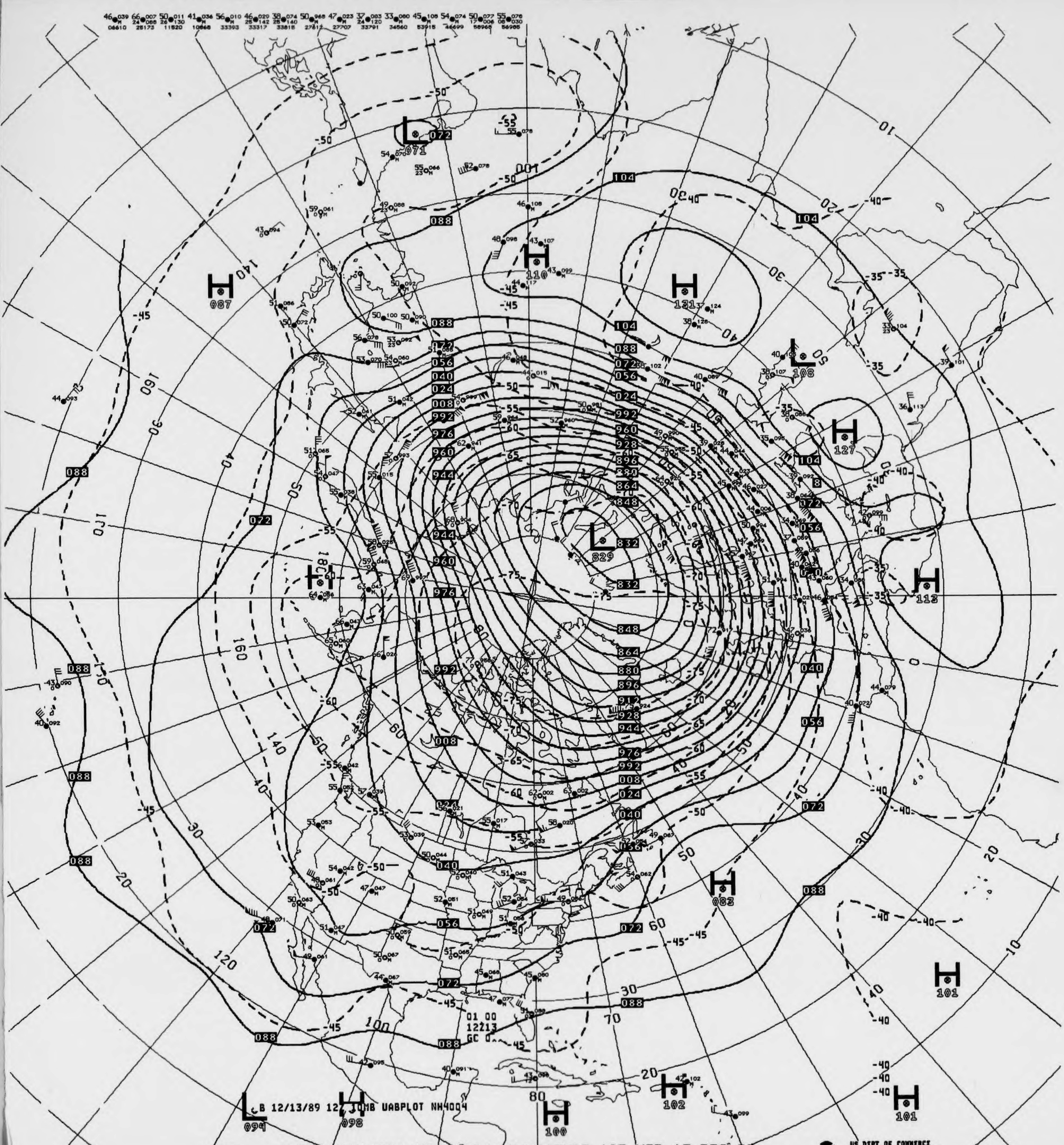
V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 11 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 835
H 128
H 127
H 119
H 102
H 079
H 102
L 093
L 075
L 058
104
120
088
072
056
040
024
008
992
976
960
944
928
912
896
880
864
848
01 00
12Z12
GC 0^^
B 12/12/89 12Z 10MB UABPLOT NH4004

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 12 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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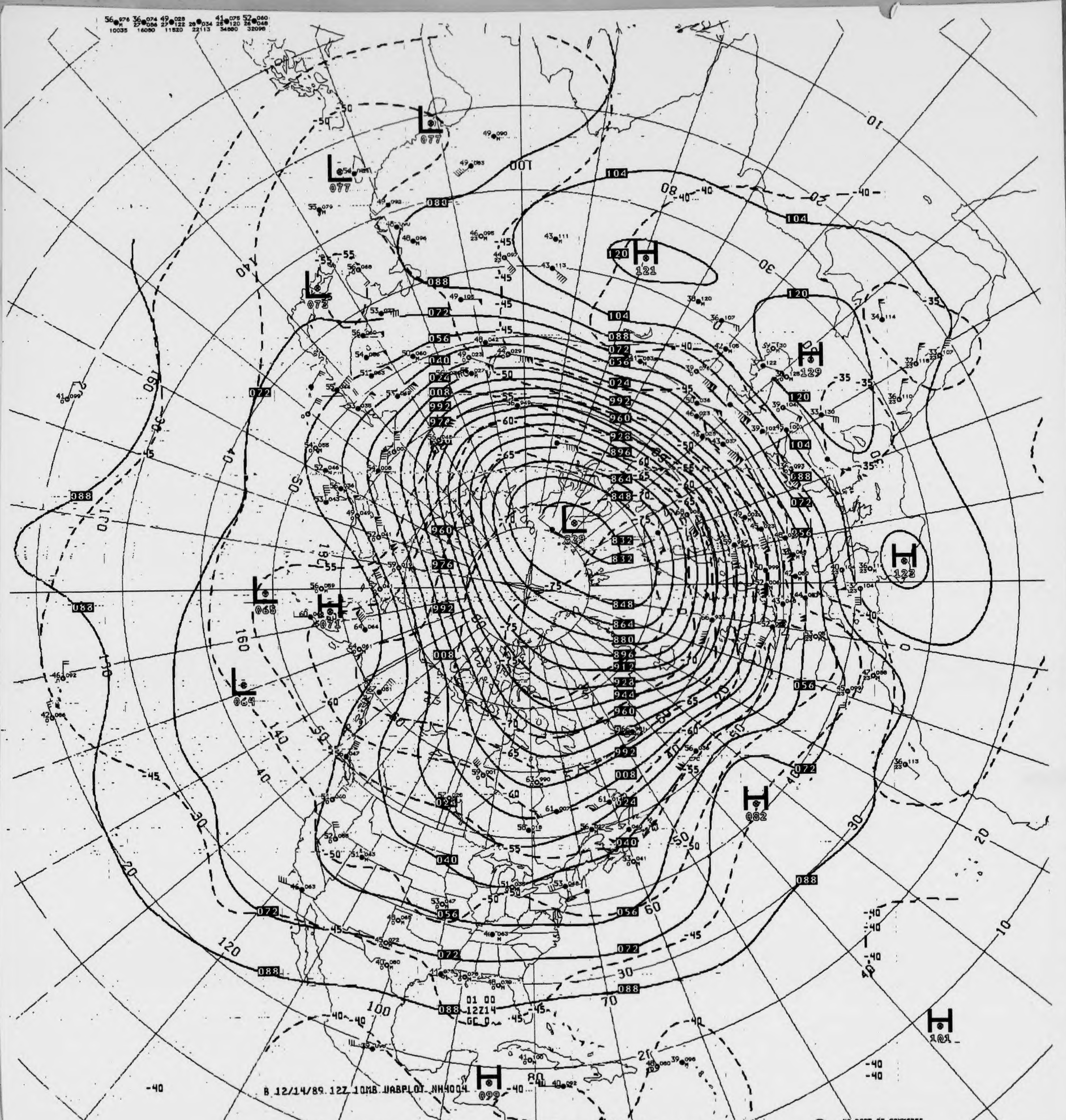
12113
GC 0
L 829
832
L 071
072
L 108
L 094
H 110
H 131
H 127
H 113
H 087
H 083
H 098
H 100
H 102
H 101
H 101

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 13 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/14/89 12Z 10MB UABPLOT NH4004
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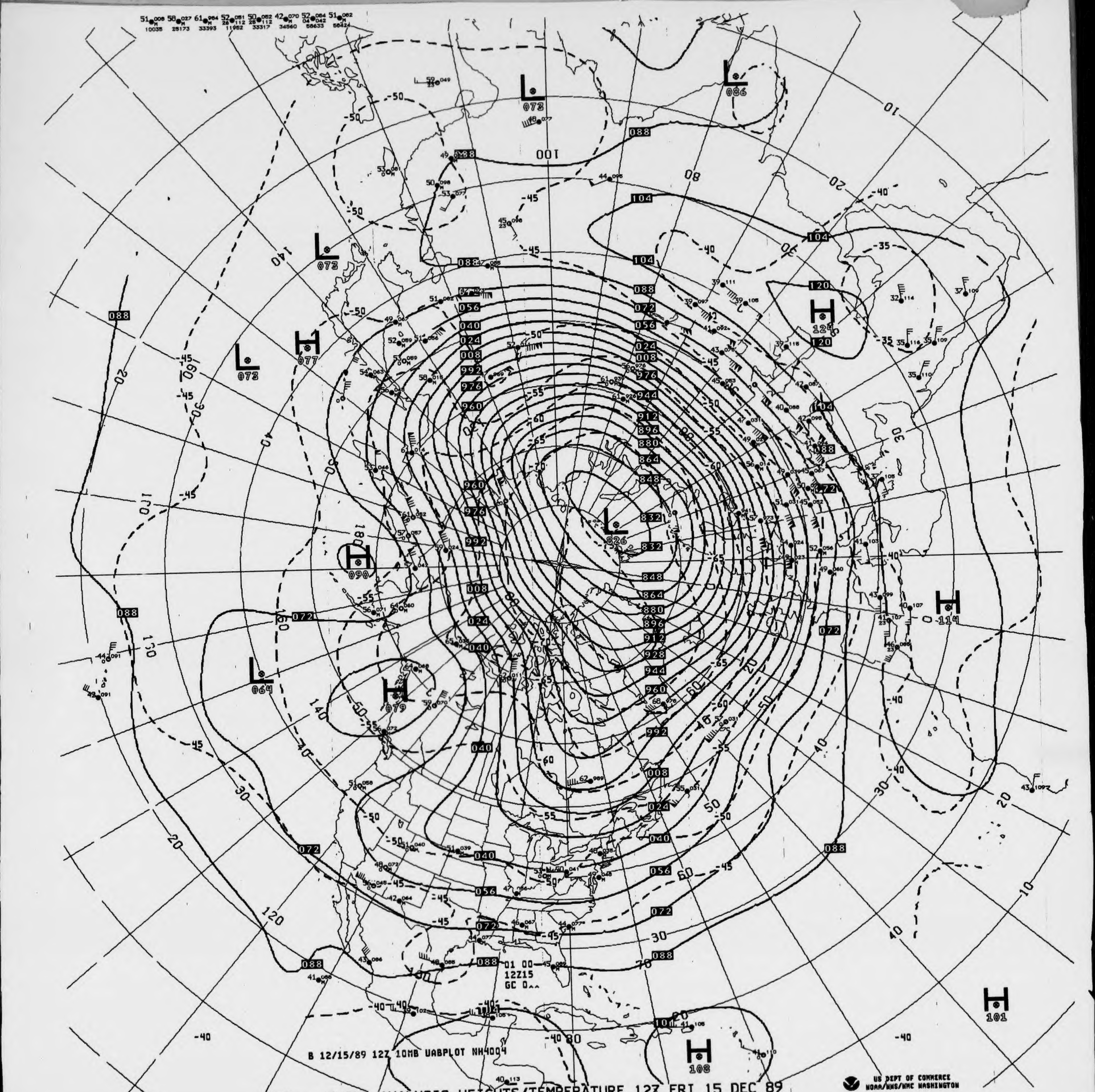
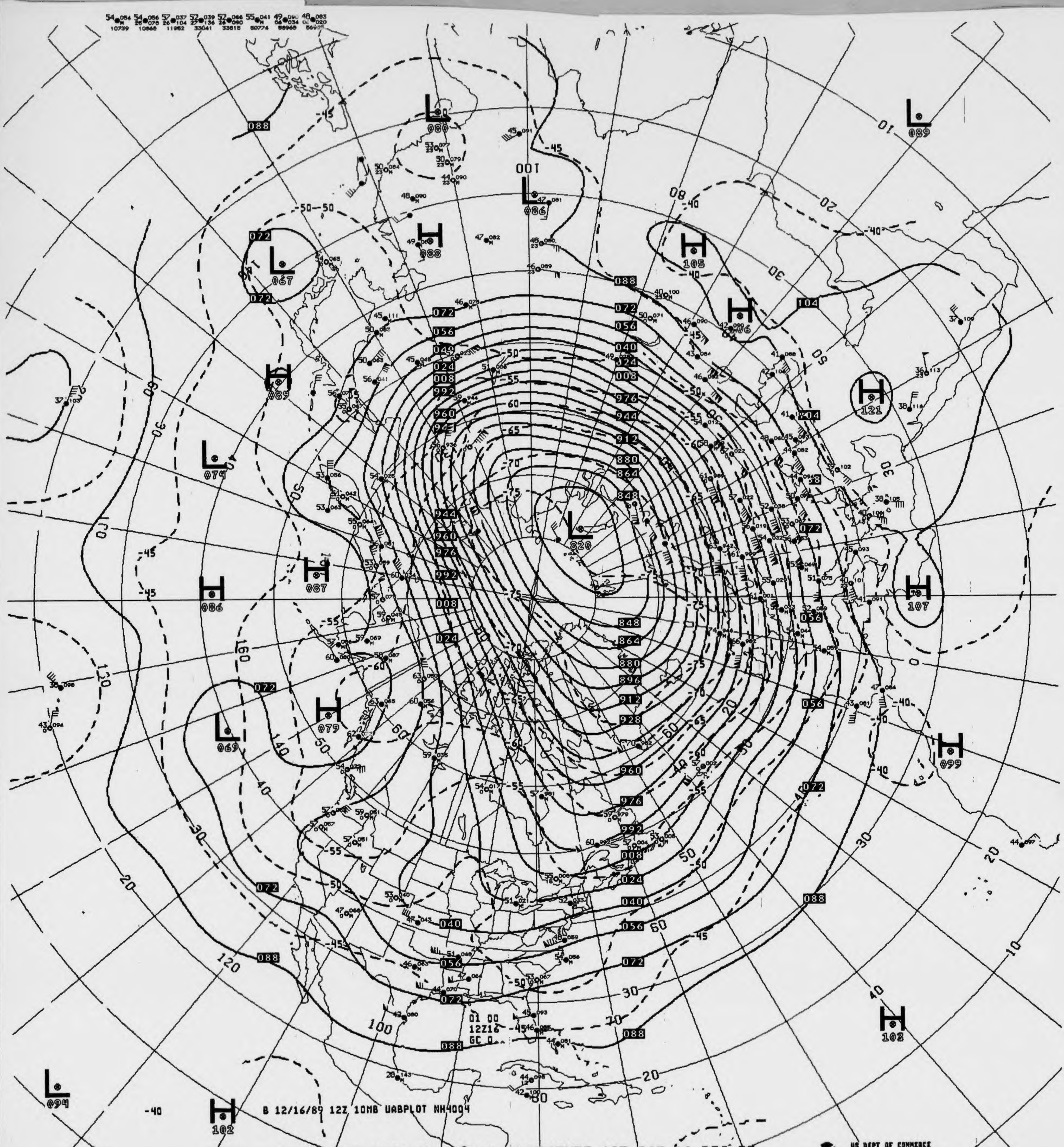
12Z14
GE 0
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 14 DEC 89



L 073
L 086
L 073
H 077
L 073
H 090
L 064
H 079
L 826
H 124
H 114
H 101
H 108
01 00
12Z15
GC 0^^
B 12/15/89 12Z 10MB UABPLOT NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 15 DEC 89


L
080
L
086
100
L
089
L
067
072
072
088
H
088
H
105
H
106
104
H
121
H
089
L
074
H
087
H
086
L
820
H
107
H
079
L
069
H
099
H
102
L
094
H
102
072
056
040
024
008
992
976
960
944
912
880
864
848
928
896
088
-45
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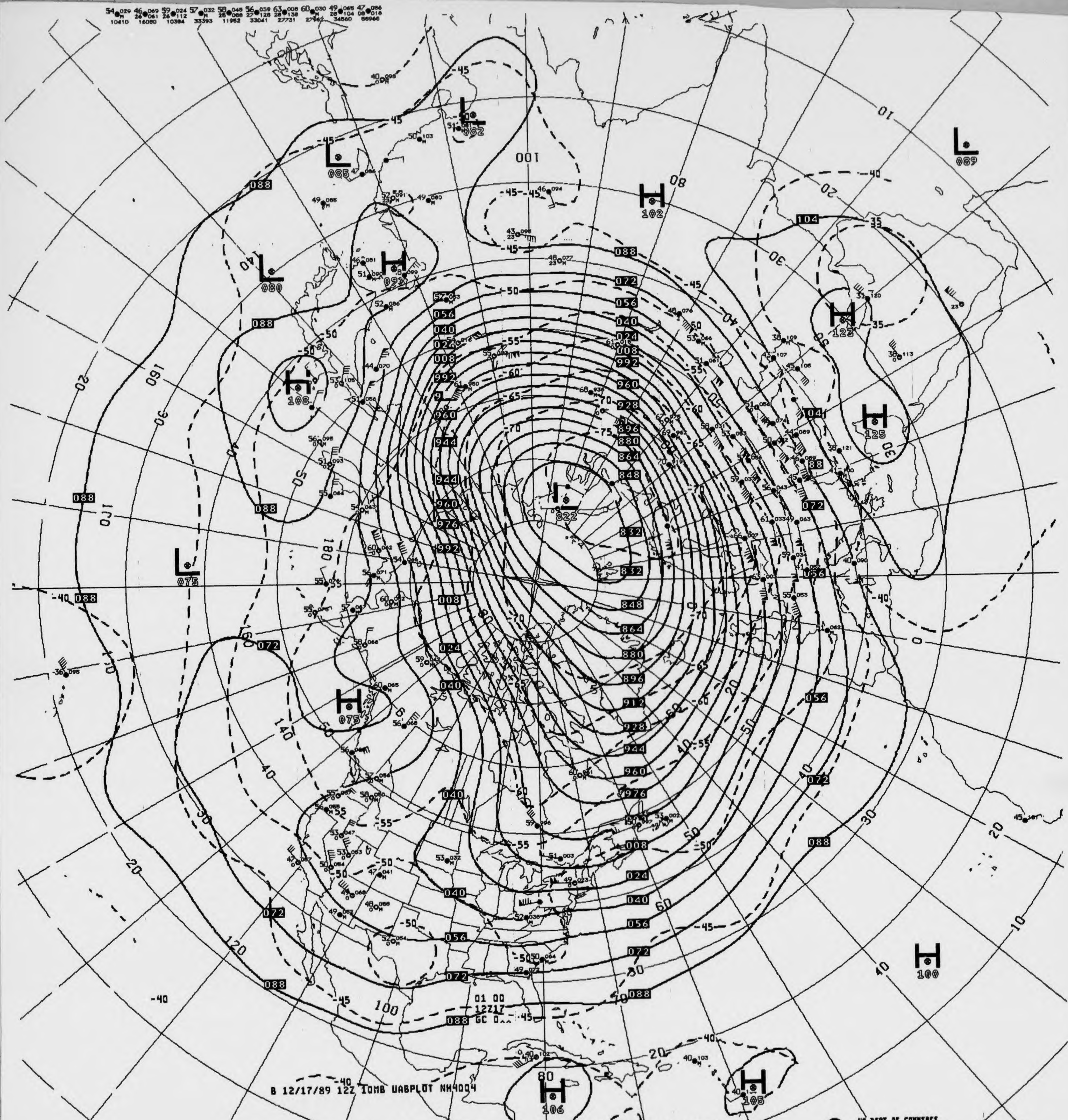
-60
-65
-70
-75
-40
10
20
30
40
50
60
70
80
90
120
160
01 00
12Z16
GC 0

B 12/16/89 12Z 10MB UABPLOT NH4004

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 16 DEC 89

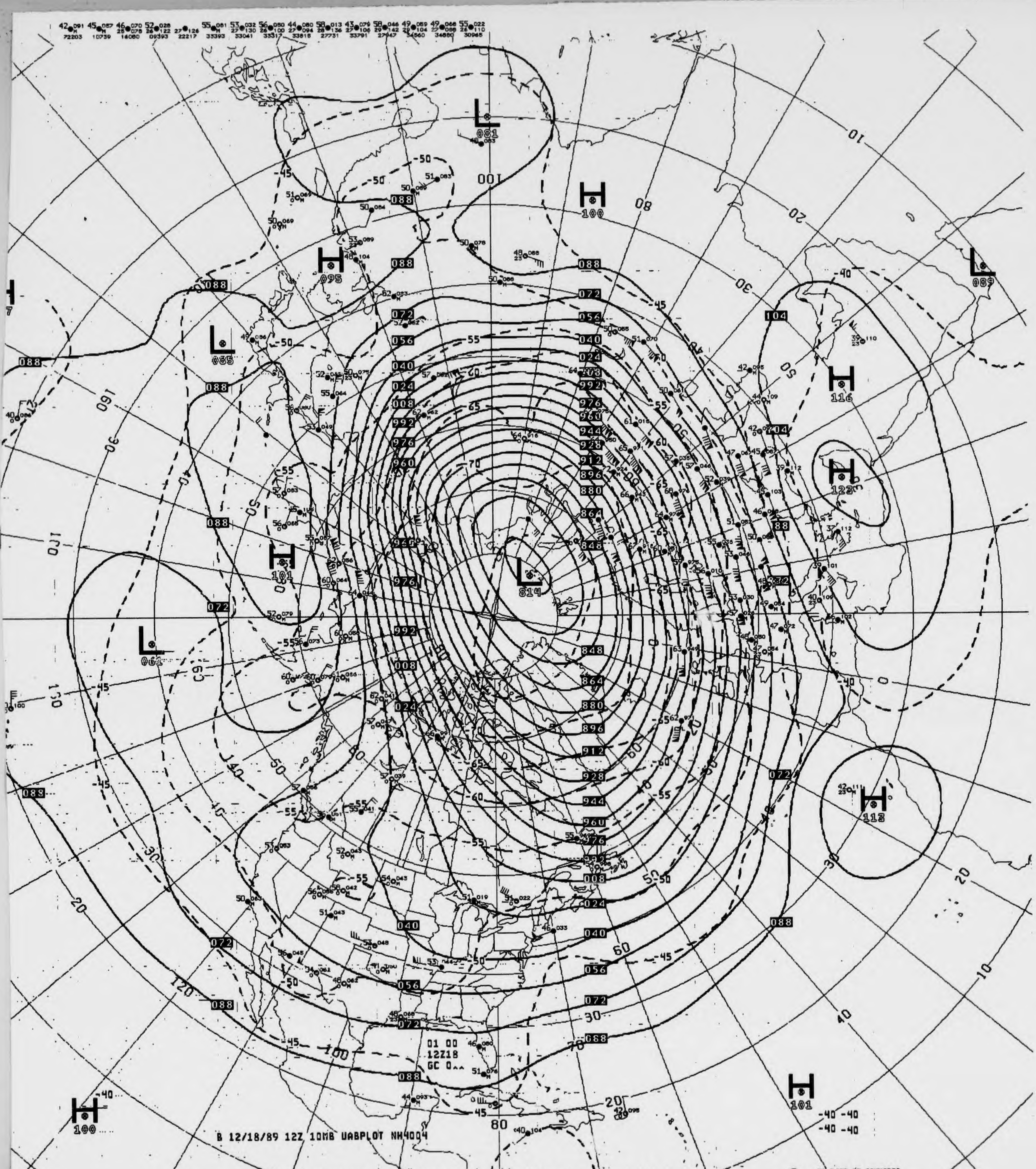
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 085
L 082
L 089
L 080
L 075
L 822
H 102
H 093
H 108
H 122
H 125
H 075
H 100
H 106
H 105
01 00
12Z17
GC 0^^

B 12/17/89 12Z 10MB UABPLOT NH4004

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 17 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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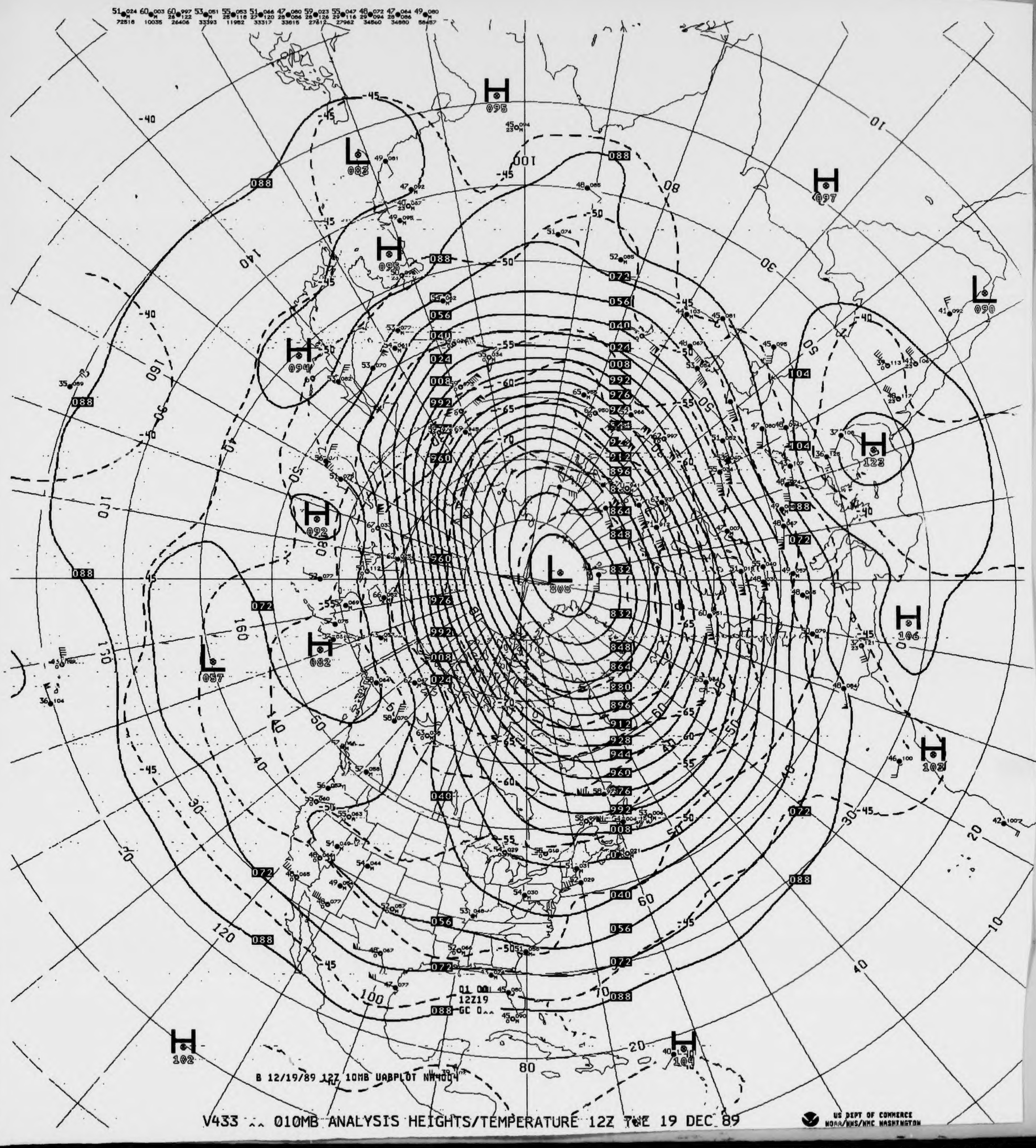
H 100
L 089
H 095
L 085
H 116
H 123
H 101
L 814
L 061
H 113
H 100
H 101
01 00
12Z18
GC 0
B 12/18/89 12Z 10MB UABPLOT NH4004

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 18 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 095
L 083
H 096
H 094
H 092
H 082
L 057
H 097
L 090
H 123
H 106
H 102
H 102
H 104
01 00
12Z19
GC 0
80
100
140
160
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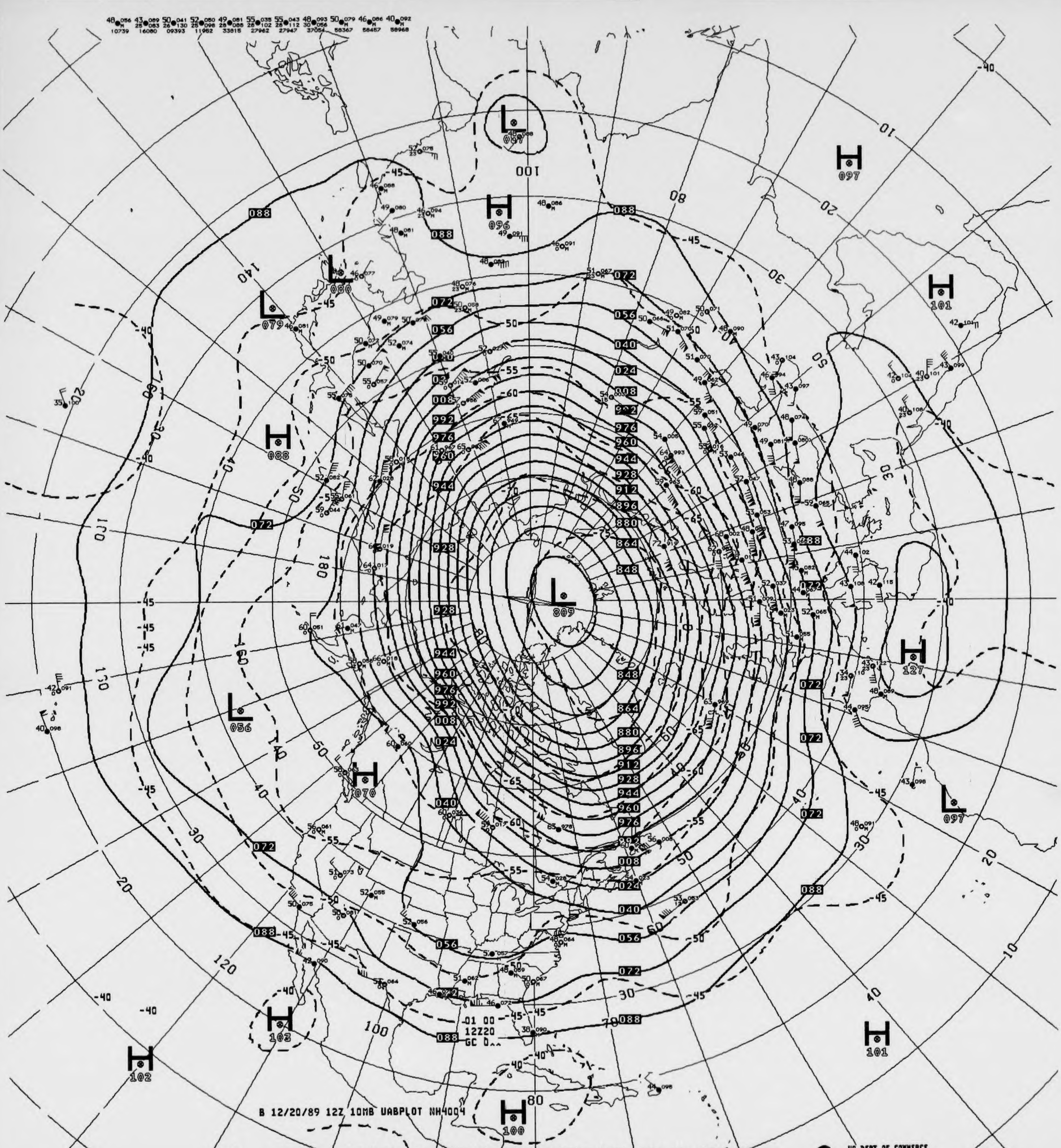
20
10
40

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 19 DEC 89

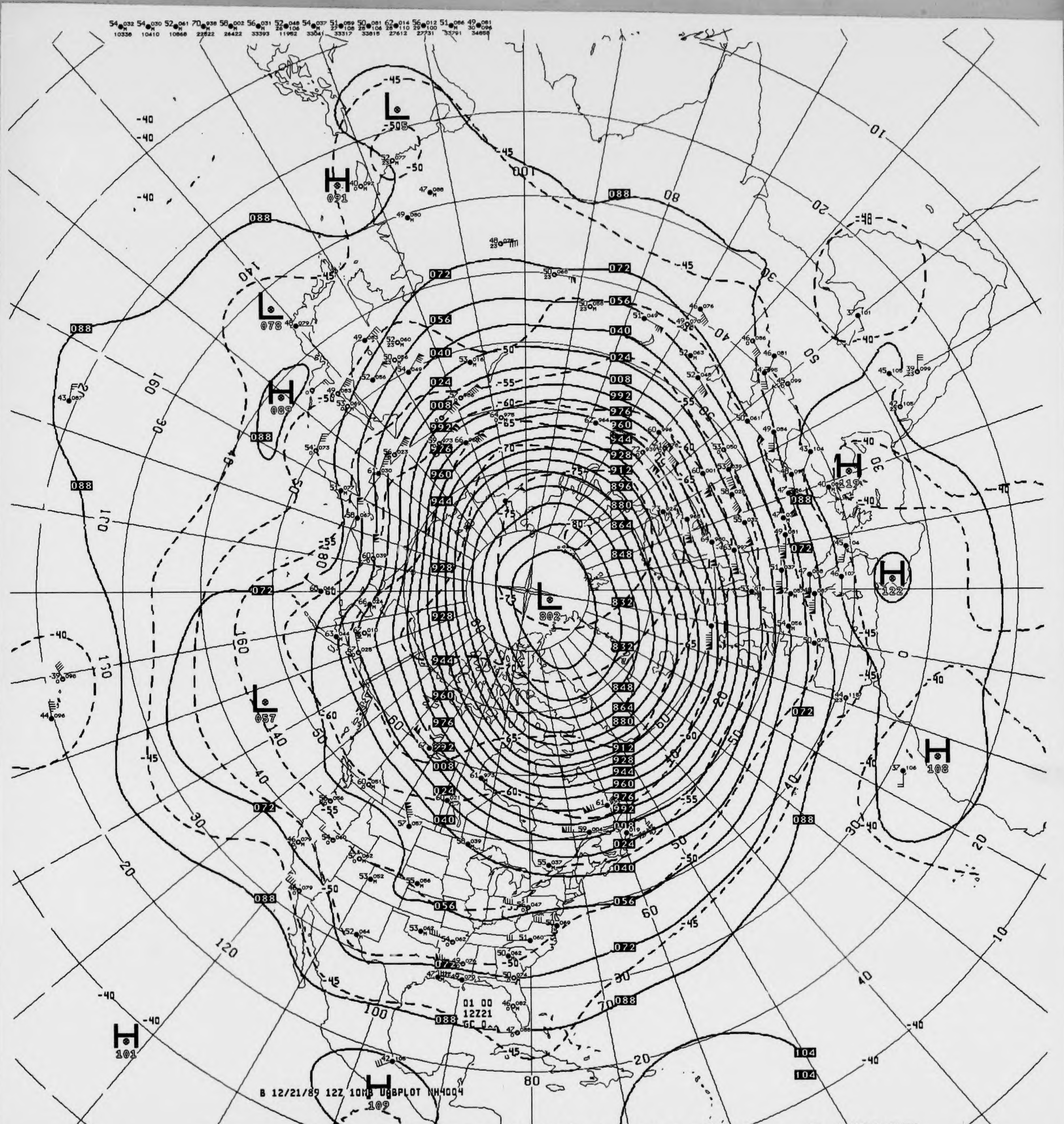
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
809
H
088
H
096
H
097
H
101
H
127
H
070
H
103
H
102
H
100
L
080
L
079
L
056
L
097
01 00
12Z20
GC 0^^

B 12/20/89 12Z 10MB UABPLOT NH4004

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 20 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L
505
L
078
L
057
L
802
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091
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089
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119
H
122
H
108
H
101
H
109
088
072
056
040
024
008
992
976
960
944
928
912
896
880
864
848
832
104
-40
-45
-50
-55
-60
-65
-70
-75
-80
-48
10
20
30
40
50
60
70
80
90
100
120
130
140
150
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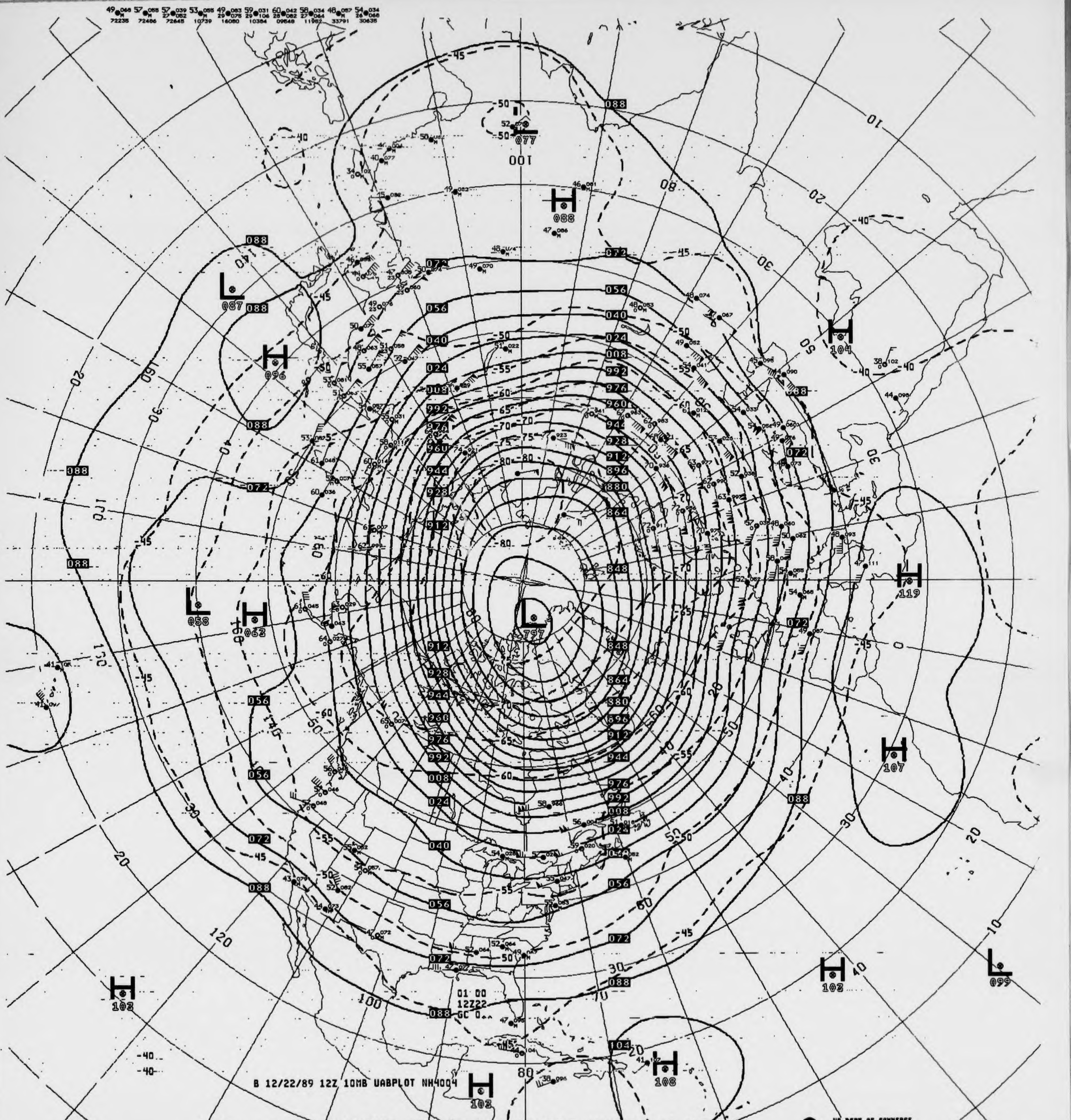
170

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 21 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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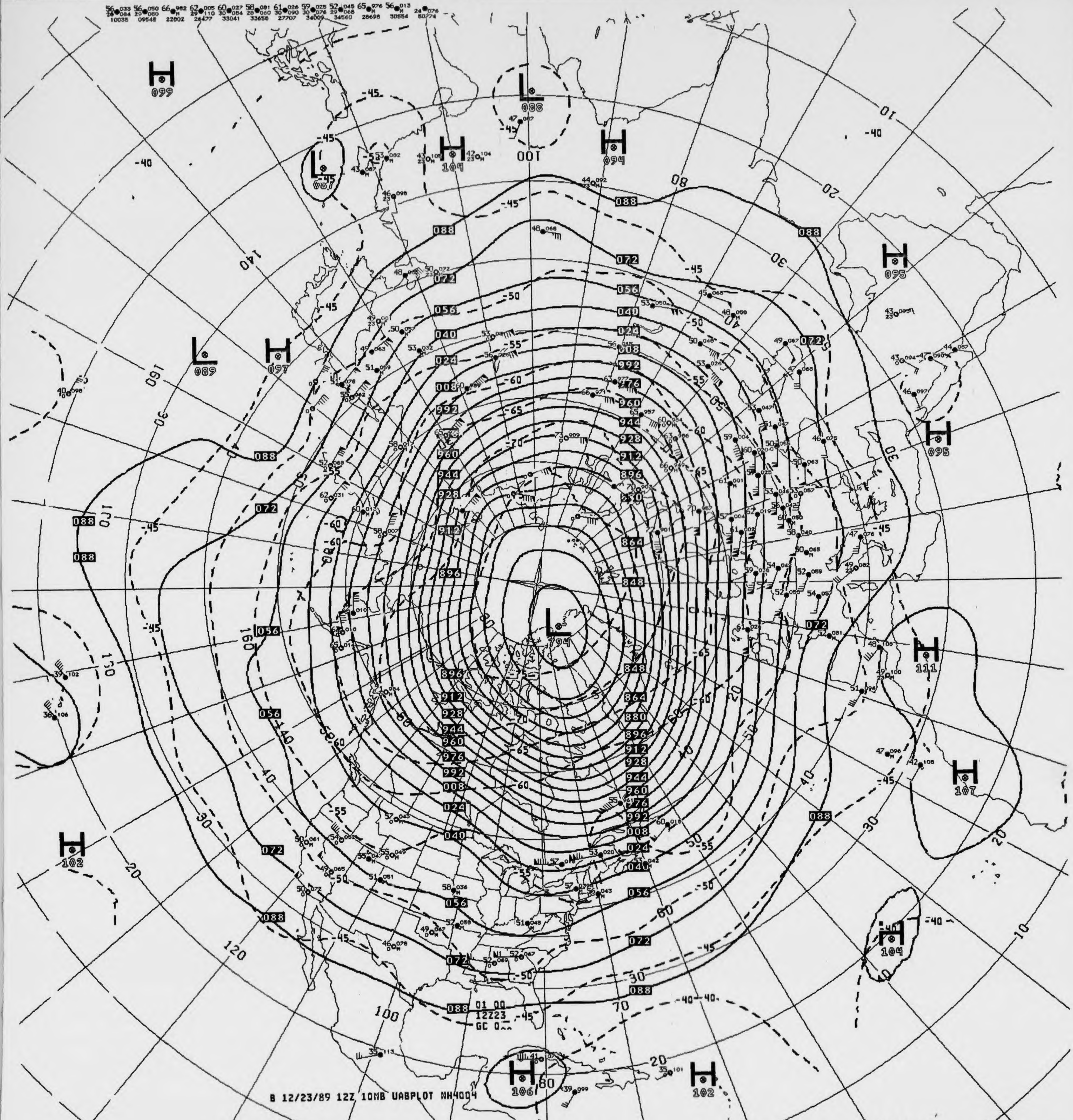
H 096
L 087
L 058
H 062
L 797
H 104
H 119
H 107
H 103
H 108
H 102
H 103
L 099
L 077
100
01 00
12Z22
GC 0..

B 12/22/89 12Z 10MB UABPLOT NH4004

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 22 DEC 89

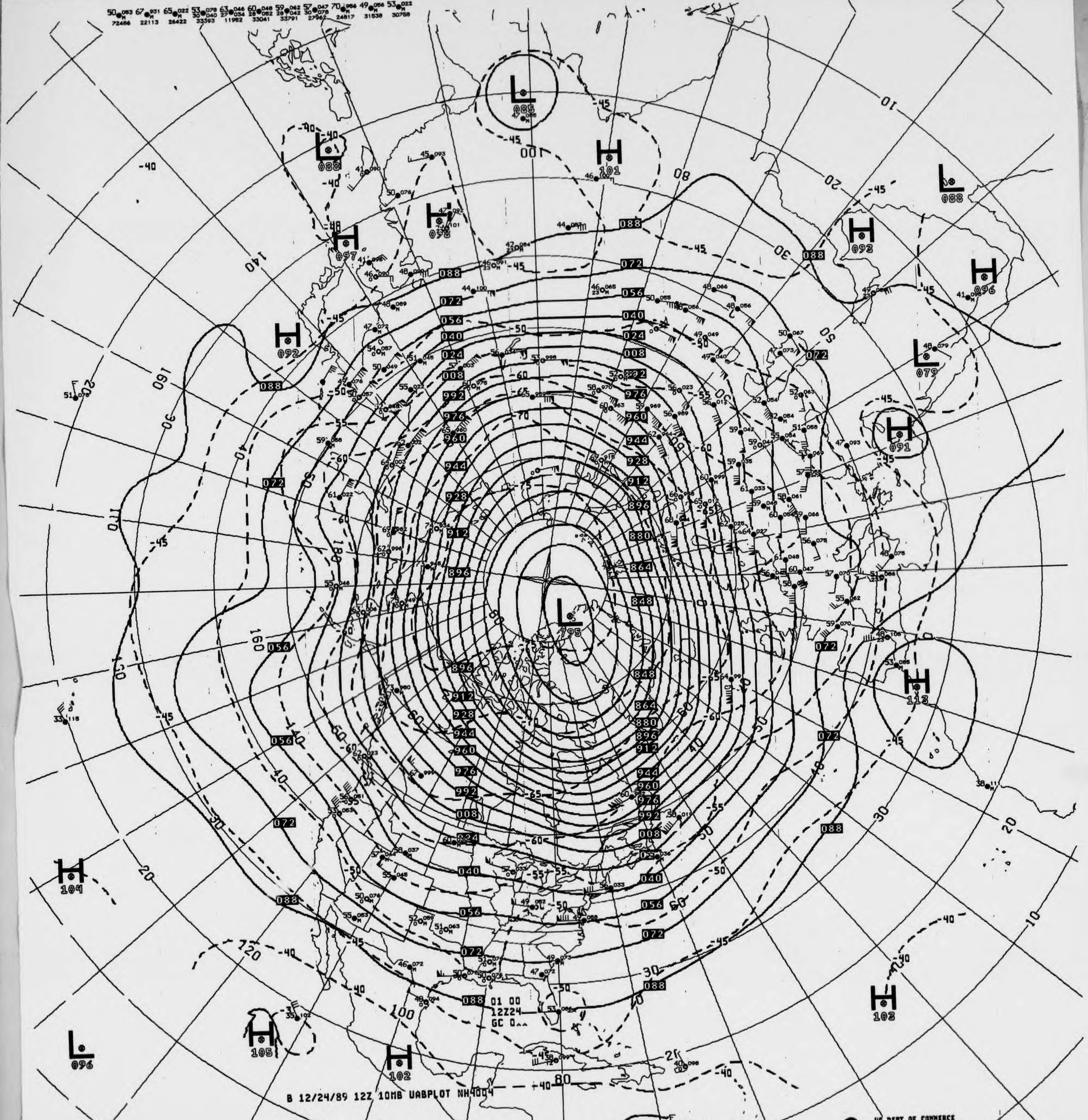
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 12/23/89 12Z 10MB UABPLOT NH4004

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 23 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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L 795
L 085
L 088
H 101
H 078
H 097
H 092
L 088
H 093
H 096
L 079
H 091
H 112
H 104
H 105
H 102
H 103
L 096
-40
-45
-50
-55
-60
-65
-70
-75
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50
60
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100
120
140
160
180
110
90
072
088
056
040
024
008
992
976
960
944
928
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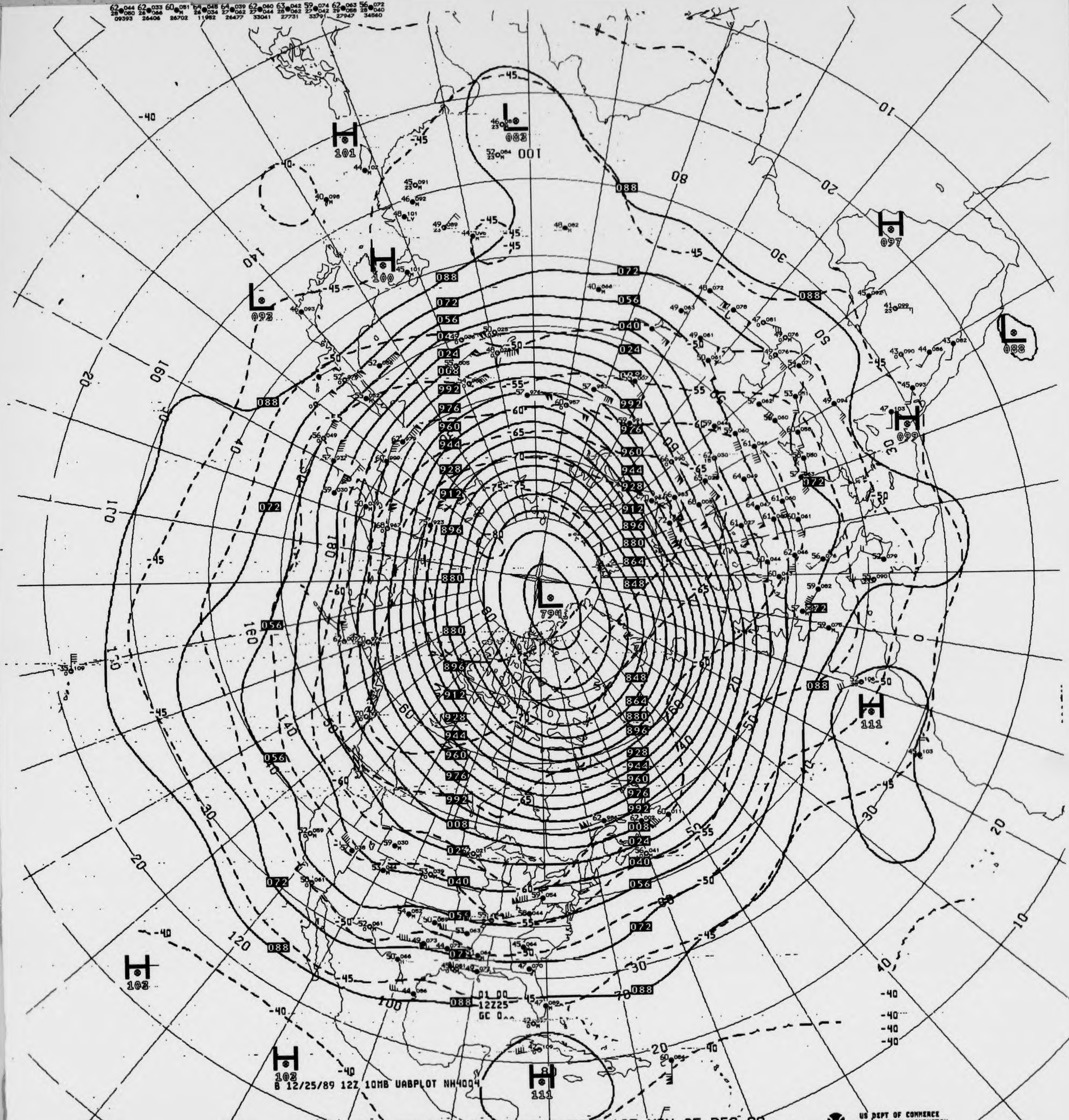
848

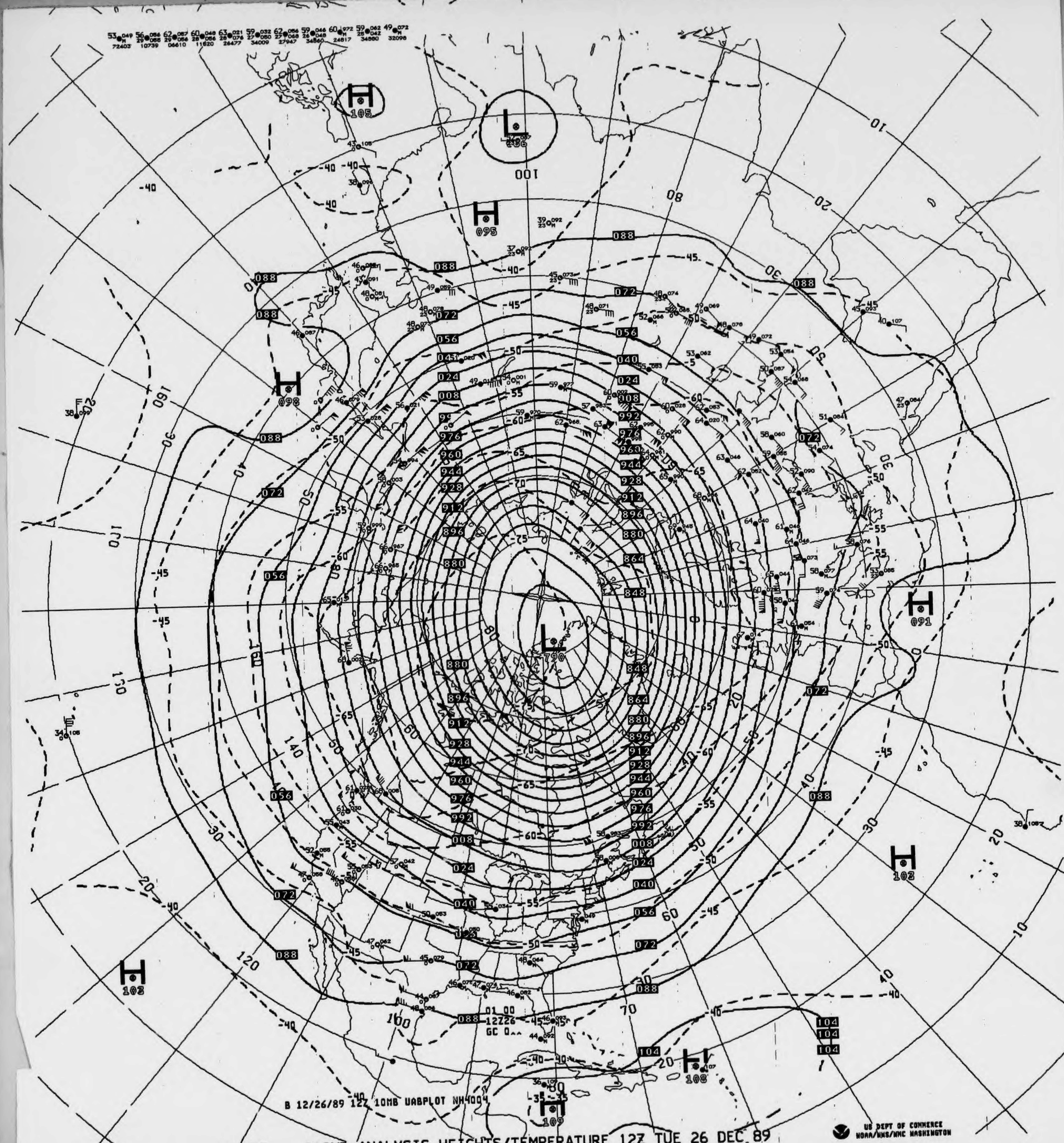
V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 24 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 101
L 083
H 097
H 100
L 092
L 088
H 099
L 794
H 111
H 103
H 103
H 111
088
072
056
040
024
008
992
976
960
944
928
912
896
880
864
848
-40
-45
-50
-55
-60
-65
-70
-75
-80
01 DD
12Z25
GC 0
B 12/25/89 12Z 10MB UABPLOT NH4004

V433 ... 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 25 DEC 89

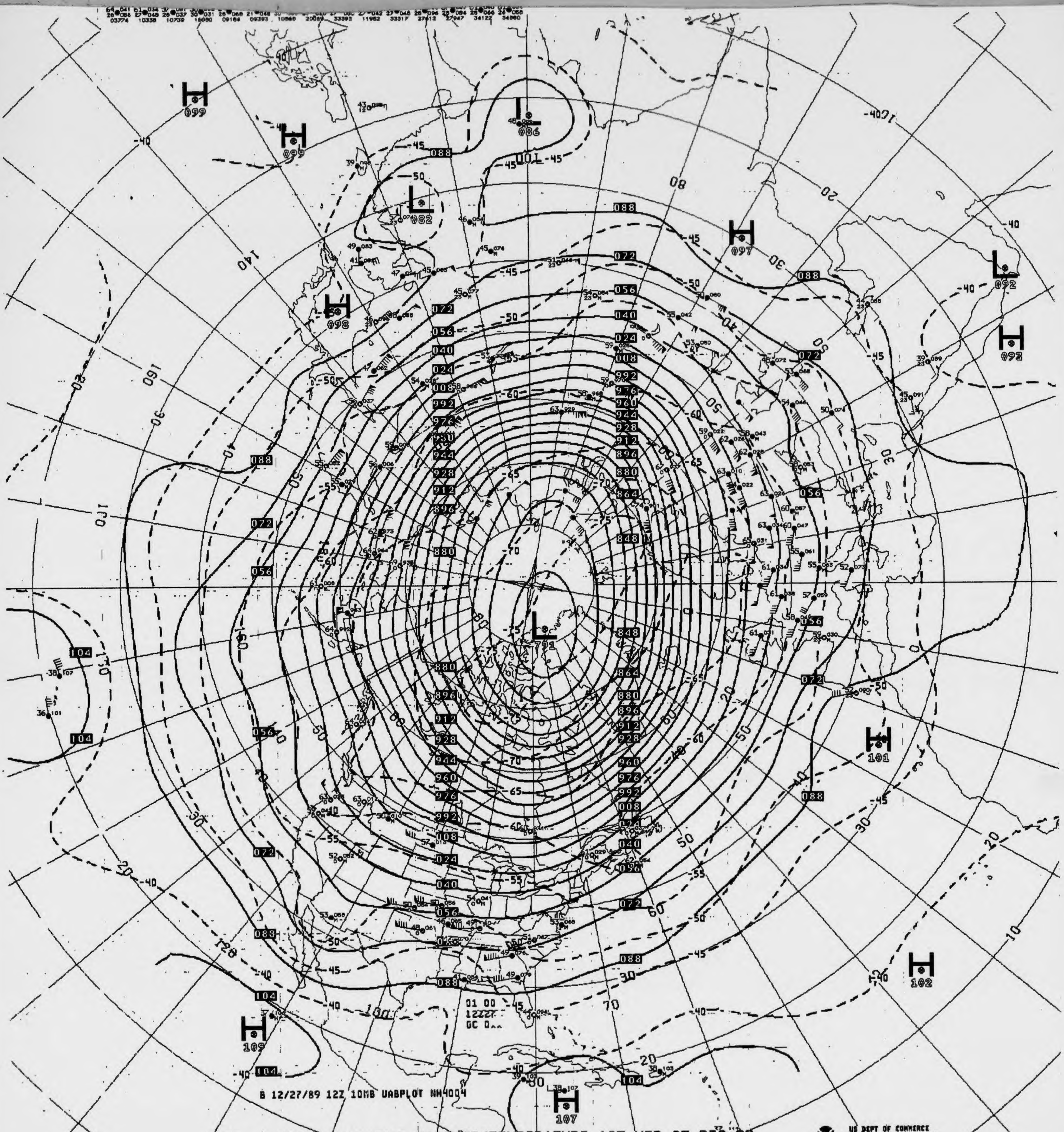
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 105
L 096
H 095
H 098
H 091
L 790
H 103
H 102
H 108
H 109
088
072
056
040
024
008
992
976
960
944
928
912
896
880
864
848
104
-40
-45
-50
-55
-60
-65
-70
-75
01 00
12Z26
GC 0^^

B 12/26/89 12Z 10MB UABPLOT NH4004

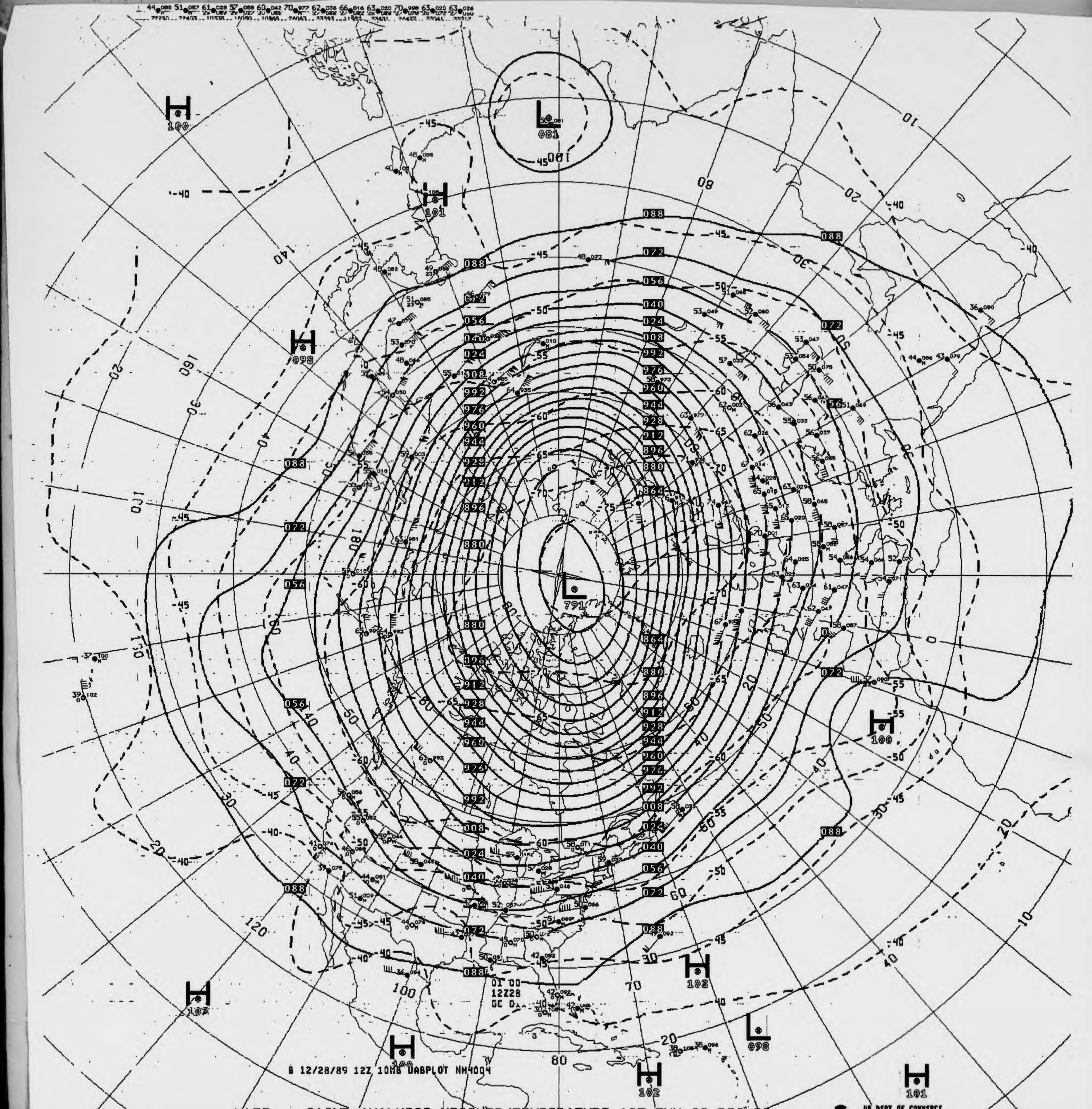
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 26 DEC 89


H 099
H 099
L 086
L 082
H 097
L 092
H 092
H 098
L 791
H 101
H 102
H 109
H 107
088
072
056
040
024
008
992
976
960
944
928
912
896
880
864
848
104
-40
-45
-50
-55
-60
-65
-70
-75
01 00
12227
GC 0..
B 12/27/89 12Z 10MB UABPLOT NH4004

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 27 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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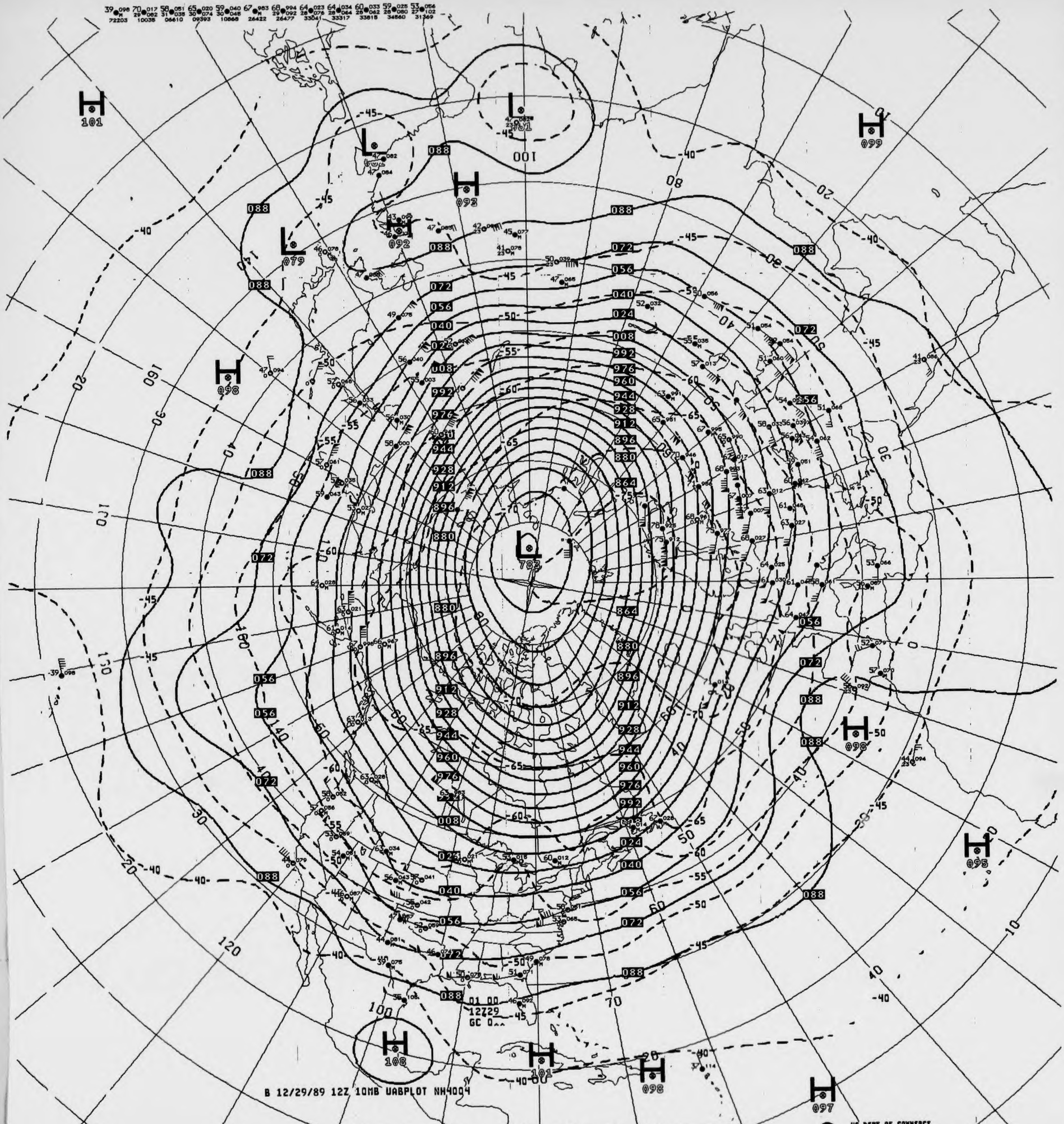
100
L
081
H
101
H
098
L
791
H
100
H
103
L
098
H
103
H
100
H
102
H
101
088
072
056
040
024
008
992
976
960
944
928
912
896
880
864
-40
-45
-50
-55
-60
-65
-70
-75
10
20
30
40
50
60
70
80
100
120
140
160
180
01 00
12Z28
GE 0
B 12/28/89 12Z 10MB UABPLOT NH4004

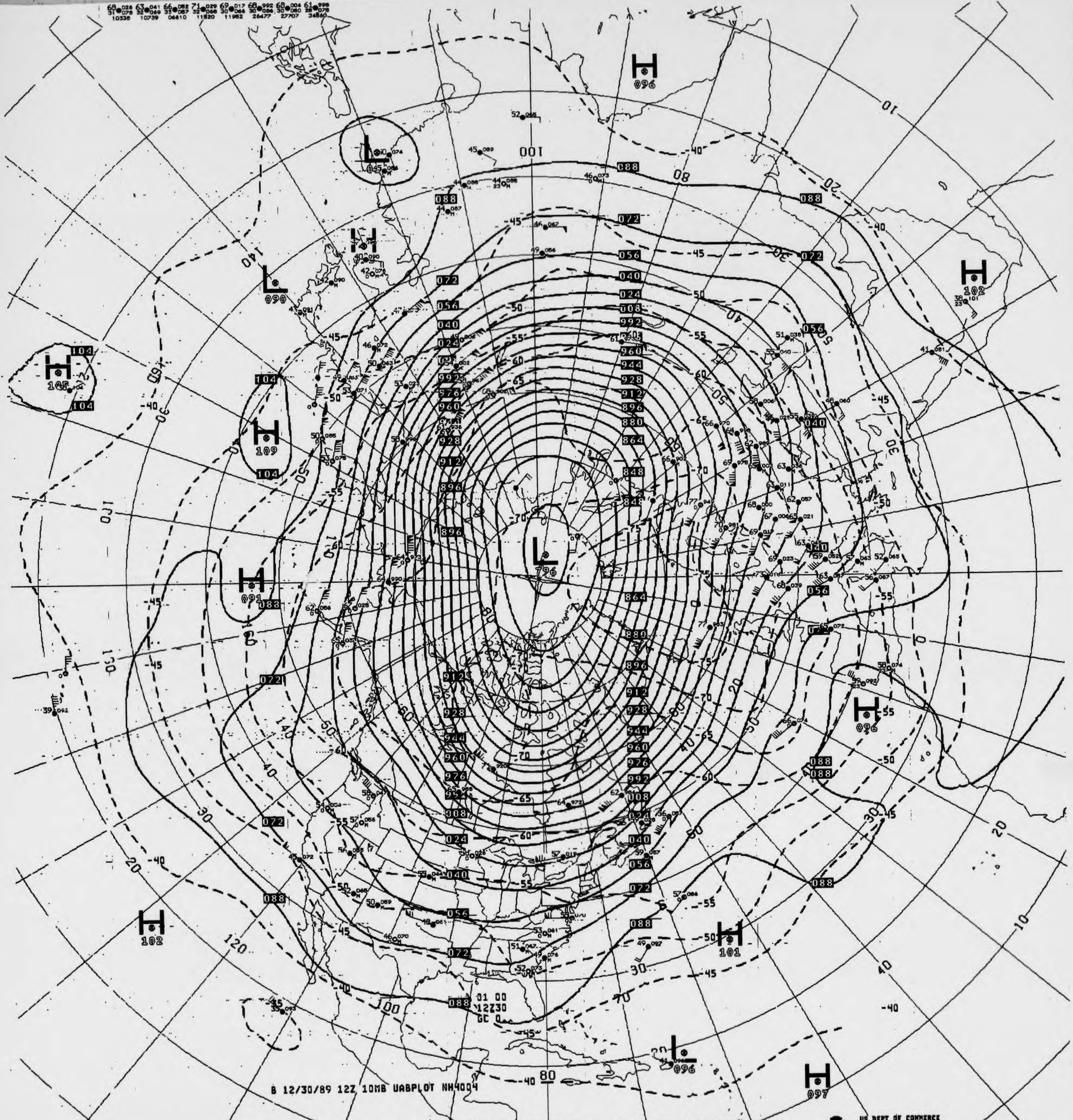
V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 28 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 101
H 099
L 061
L
L 079
H 093
H 092
H 098
L 783
H 098
H 095
H 108
H 101
H 098
H 097
088
072
056
040
024
008
992
976
960
944
928
912
896
880
864
-40
-45
-50
-55
-60
-65
-70
-75
160
150
140
130
120
100
80
70
60
50
40
30
20
10
0
01 00
12Z29
GC 0^^
B 12/29/89 12Z 10MB UABPLOT NH4004

V433 ^^ 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 29 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 096
L 045
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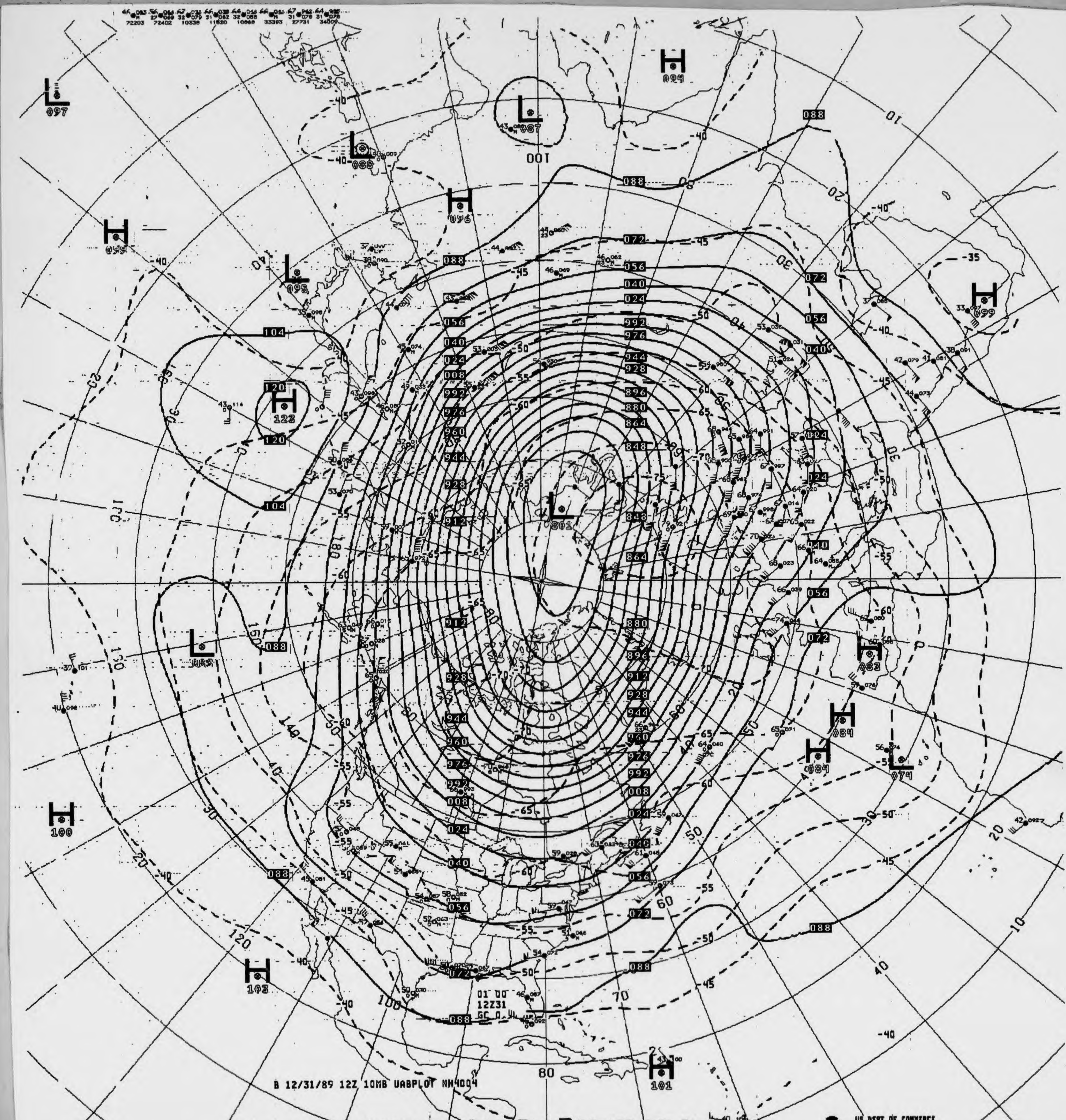
L 090
H 105
104
H 109
H 091
H 102
L 796
H 096
H 101
L 096
H 097
088
072
056
040
024
008
992
976
960
944
928
912
896
880
864
848
01 00
12Z30
GC 0

B 12/30/89 12Z 10MB UABPLOT NH4004

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 30 DEC 89

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 12/31/89 12Z 10MB UABPLOT NH4004
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12Z31
GC 0
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L 087
L 097
L 086
H 096
H 099
L 095
H 123
104
120
088
072
056
040
024
992
976
944
928
896
880
864
848
L 801
L 085
H 100
H 103
H 101
H 083
H 084
H 084
L 074
H 099

V433 .. 010MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 31 DEC 89

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